

EOG Resources, Inc.
P.O. 1910
Vernal, UT 84078

November 22, 2005

Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

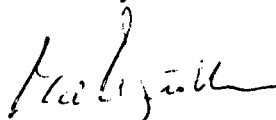
RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 557-18E
SW/SW (Lot 4), SEC. 18, T10S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: ML-22791
UTAH STATE LANDS

Enclosed please find the original and one copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,



Ed Trotter
Agent
EOG Resources, Inc.

Attachments

NBU 557-18E B

RECEIVED
DEC 14 2005

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML-22791	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: EOG RESOURCES, INC.		9. WELL NAME and NUMBER: NATURAL BUTTES UNIT 557-18E	
3. ADDRESS OF OPERATOR: P.O. BOX 1815 CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 789-0790	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 852' FSL, 661' FWL 619502X 39.942845 AT PROPOSED PRODUCING ZONE: SAME 4422140Y 109.601241		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.41 MILES SOUTHEAST OF OURAY, UTAH		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: LOT4 18 10S 21E S 3WSW	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 661'	16. NUMBER OF ACRES IN LEASE: 161	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) SEE TOPO MAP "C"	19. PROPOSED DEPTH: 6,275	20. BOND DESCRIPTION: JP-0921	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5171.2' GRADED GROUND	22. APPROXIMATE DATE WORK WILL START: 12/22/2005	23. ESTIMATED DURATION: 45 DAYS	

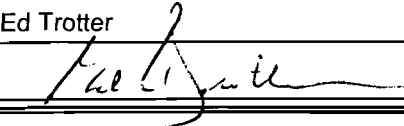
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4"	9 5/8" J-55 36.0#	500	SEE 8 POINT PLAN
7 7/8"	4 1/2" J-55 11.6#	6,275	SEE 8 POINT PLAN

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) <u>Ed Trotter</u>	TITLE <u>Agent</u>
SIGNATURE <u></u>	DATE <u>11/22/2005</u>

(This space for State use only)

API NUMBER ASSIGNED: **43-047-32513**

APPROVAL:

DEC 14 2005

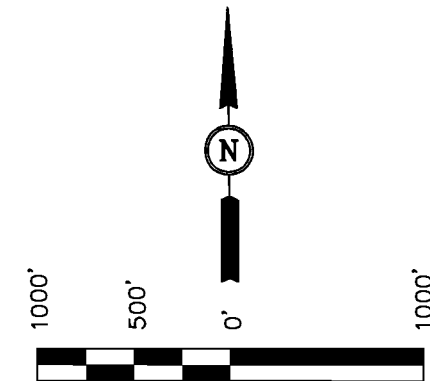
T10S, R21E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, NBU #557-18E, located as shown in the SW 1/4 SW 1/4 (Lot 4) of Section 18, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

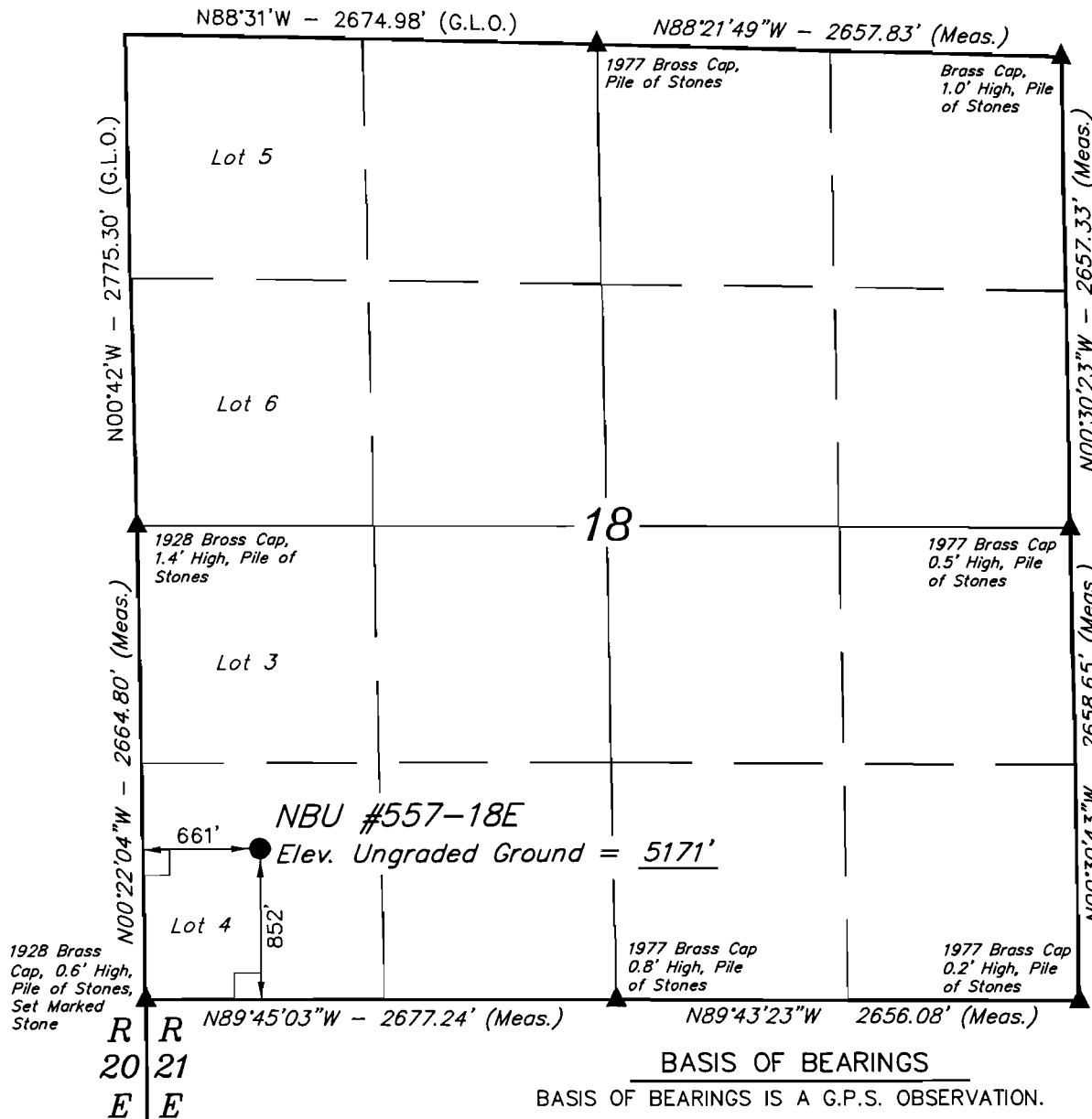


SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39°56'34.06" (39.942794)

LONGITUDE = 109°36'06.96" (109.601933)

(NAD 27)

LATITUDE = 39°56'34.19" (39.942831)

LONGITUDE = 109°36'04.48" (109.601244)

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

UTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-7-05	DATE DRAWN: 11-15-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

EIGHT POINT PLAN
NATURAL BUTTES UNIT 557-18E
SW/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	1,215'
Wasatch	4,504'
Chapita Wells	5,159'
Buck Canyon	5,858'
North Horn	6,376'

EST. TD: 6,275' or 200' ± below North Horn Top

Anticipated BHP: 3,100 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole - 3,000 Psig
BOP Schematic Diagram attached.

4. CASING PROGRAM:

	<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
Surface	12-1/4"	0' – 500'KB±	9-5/8"	36.0#	J-55	STC	2020 Psi	3520 Psi	394,000#
Production:	7-7/8"	500'± – TD	4-1/2"	11.6#	J-55	LTC	4960 Psi	5350 Psi	162,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 1000' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

EIGHT POINT PLAN
NATURAL BUTTES UNIT 557-18E
SW/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

6. MUD PROGRAM:

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

500' ± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' ± Below GL)

Lead: Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³/sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: **Cement volumes will be calculated to bring cement to surface.**

EIGHT POINT PLAN
NATURAL BUTTES UNIT 557-18E
SW/SW, SEC. 18, T10S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

CEMENT PROGRAM (Continued):

Production Hole Procedure (500' ± to TD)

Lead: 270 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.

Tail: 390 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

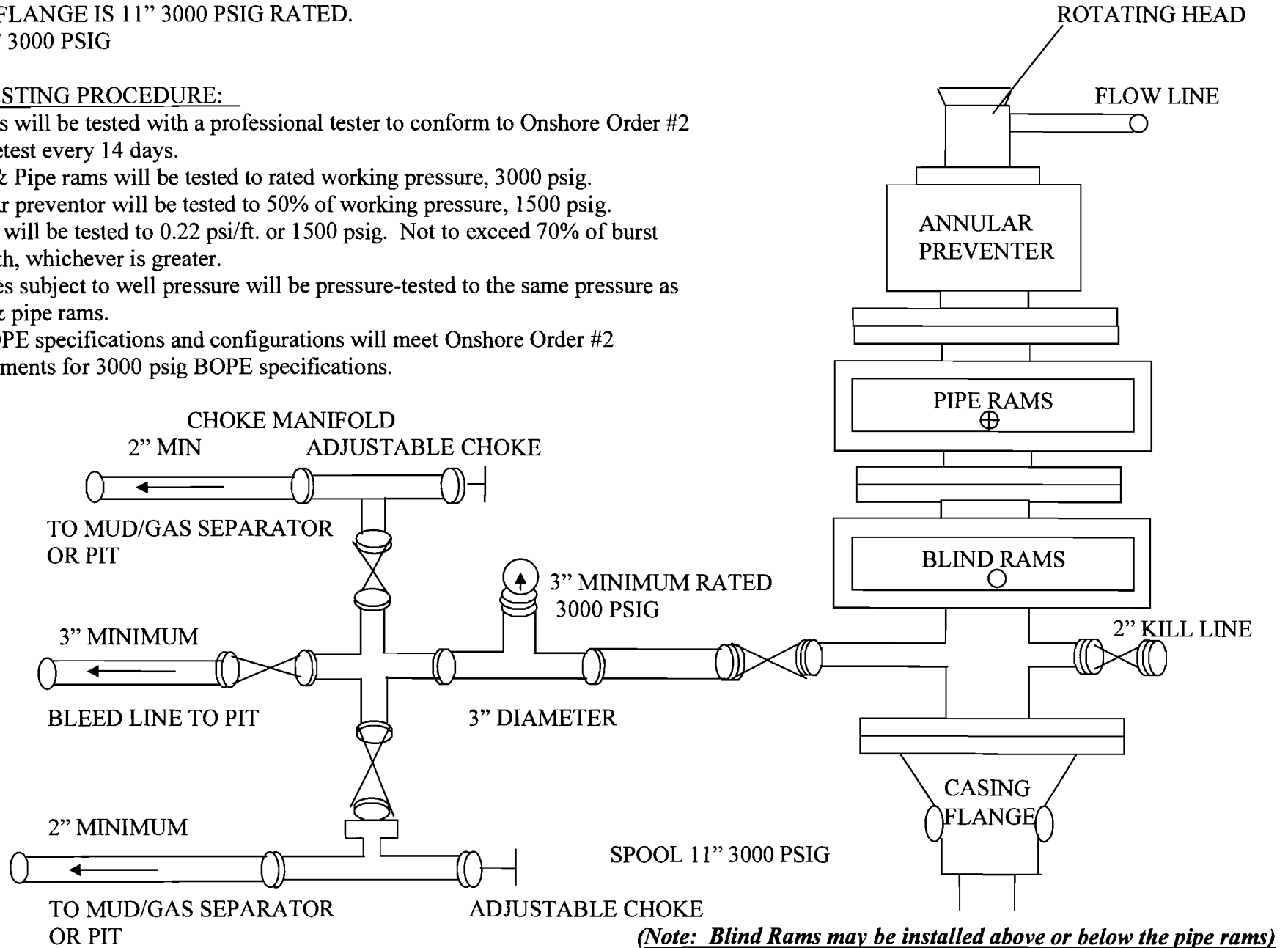
(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.
CASING FLANGE IS 11" 3000 PSIG RATED.
BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.
Well Name & Number: Natural Buttes Unit 557-18E
Lease Number: ML-22791
Location: 852' FSL & 661' FWL, SW/SW (Lot 4),
Sec. 18, T10S, R21E, S.L.B.&M.,
Uintah County, Utah

Surface Ownership: STATE OF UTAH

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 13.41 miles southeast of Ouray, Utah - See attached TOPO Map "A" .
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 30 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

- A. Abandoned wells - 3*
- B. Producing wells - 16*
- C. Shut in wells - 1*

(*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.
- 2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 580' from proposed location to a point in the SW/SW of Section 18, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Natural Buttes Unit, thus a Right-of-Way grant will not be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the North side of the location.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

8. **ANCILLARY FACILITIES**

- A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southwest corner of the location.

The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored South of Corner #6, as well as between Corners #2 and #8.

Access to the well pad will be from the South.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

11. SURFACE OWNERSHIP

Access road: State of Utah

Location: State of Utah

12. OTHER INFORMATION

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. The drilling rig and ancillary equipment will be removed from the location

prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

DRILLING OPERATIONS


Donald Presenkowski
EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

11-22-2005
Date


Agent

EOG RESOURCES, INC.
NBU #557-18E
SECTION 18, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 12.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD FOR THE NBU #555-18E TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 30' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.4 MILES.

EOG RESOURCES, INC.

NBU #557-18E

LOCATED IN UINTAH COUNTY, UTAH
SECTION 18, T10S, R21E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

- Since 1964 -

LOCATION PHOTOS

11 08 05
MONTH DAY YEAR

PHOTO

TAKEN BY: T.B.

DRAWN BY: B.C.

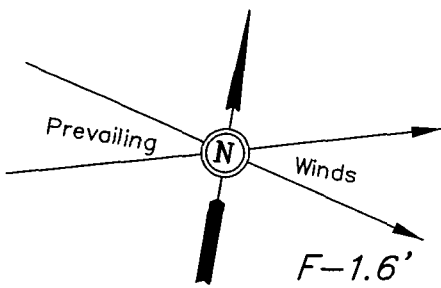
REVISED: 00-00-00

EOG RESOURCES, INC.

FIGURE #1

LOCATION LAYOUT FOR

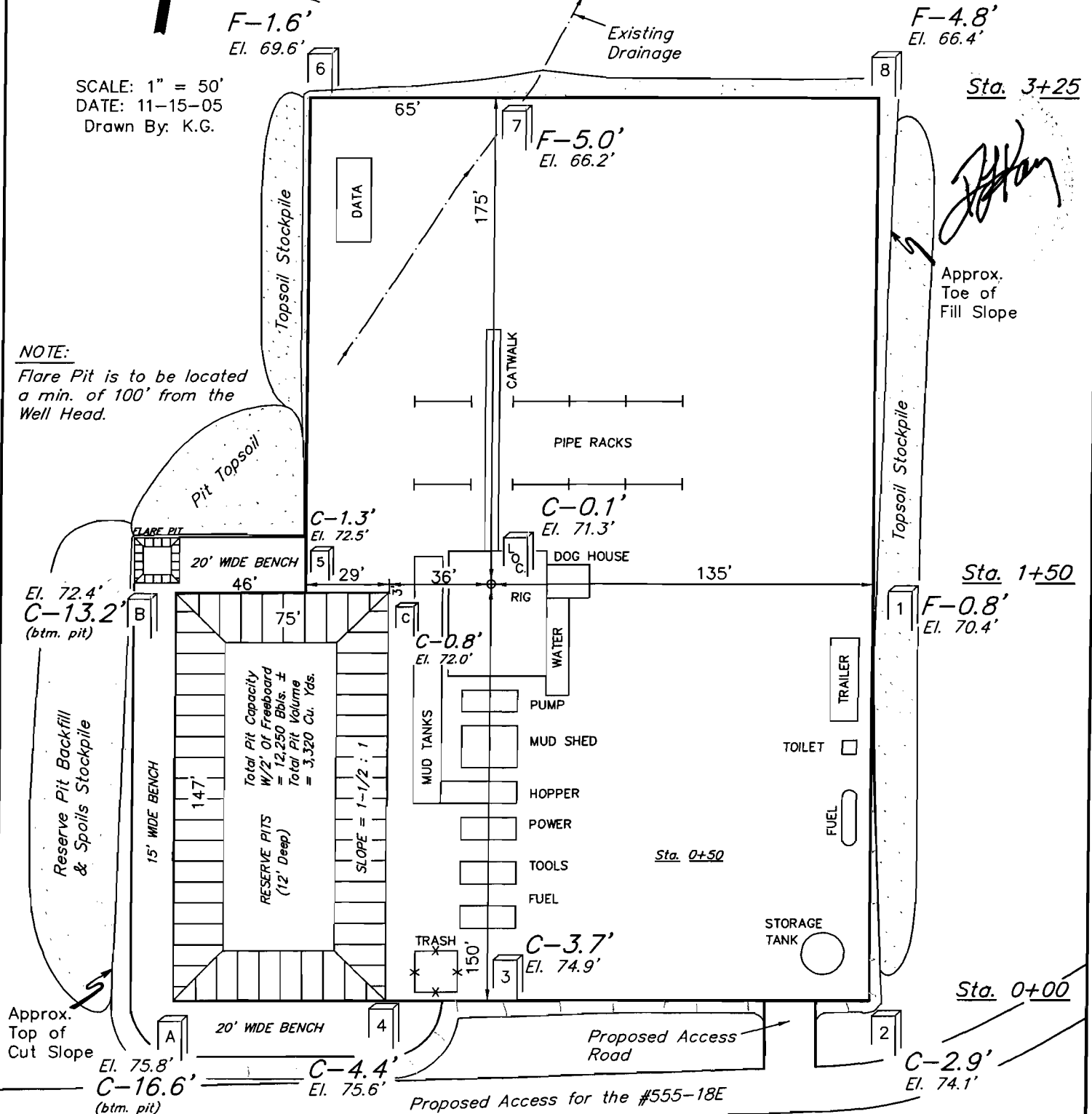
NBU #557-18E
SECTION 18, T10S, R21E, S.L.B.&M.
852' FSL 661' FWL



SCALE: 1" = 50'
DATE: 11-15-05
Drawn By: K.G.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5171.3'

FINISHED GRADE ELEV. AT LOC. STAKE = 5171.2'

Existing 4" Pipeline

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EOG RESOURCES, INC.

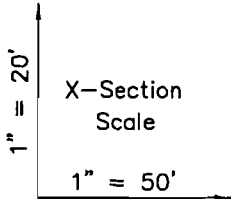
FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #557-18E

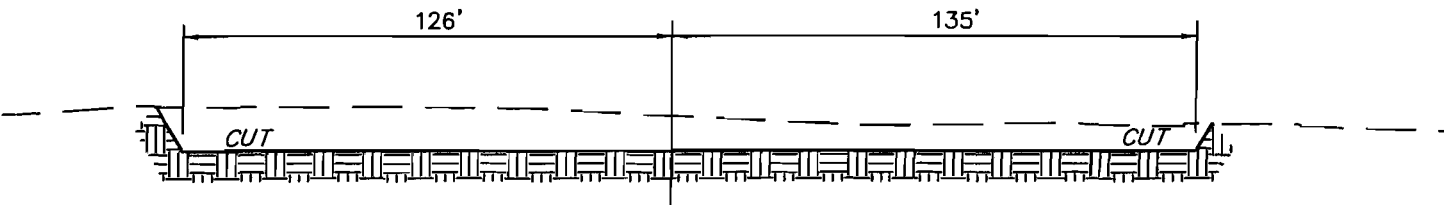
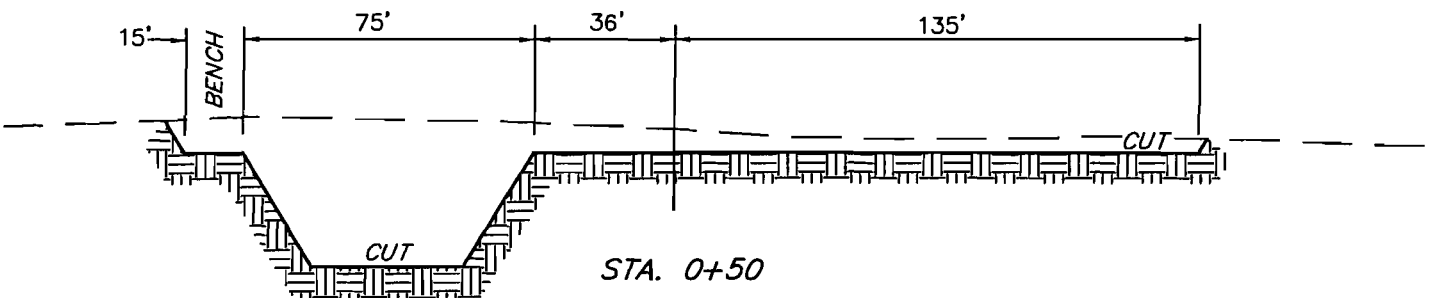
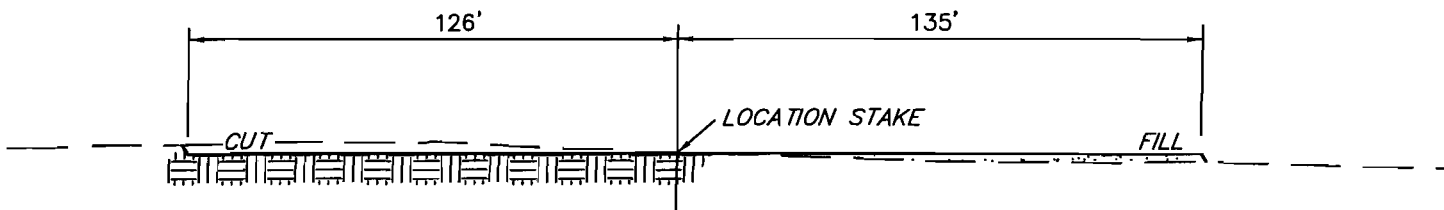
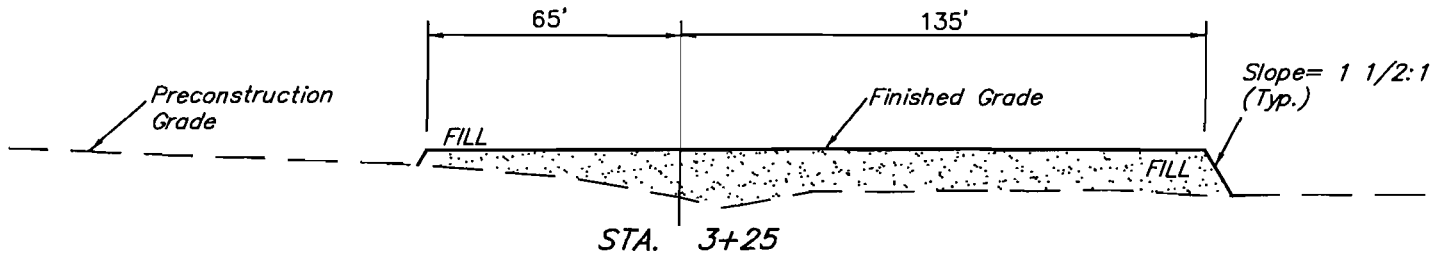
SECTION 18, T10S, R21E, S.L.B.&M.

852' FSL 661' FWL



DATE: 11-15-05
Drawn By: K.G.

[Handwritten signature]



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:

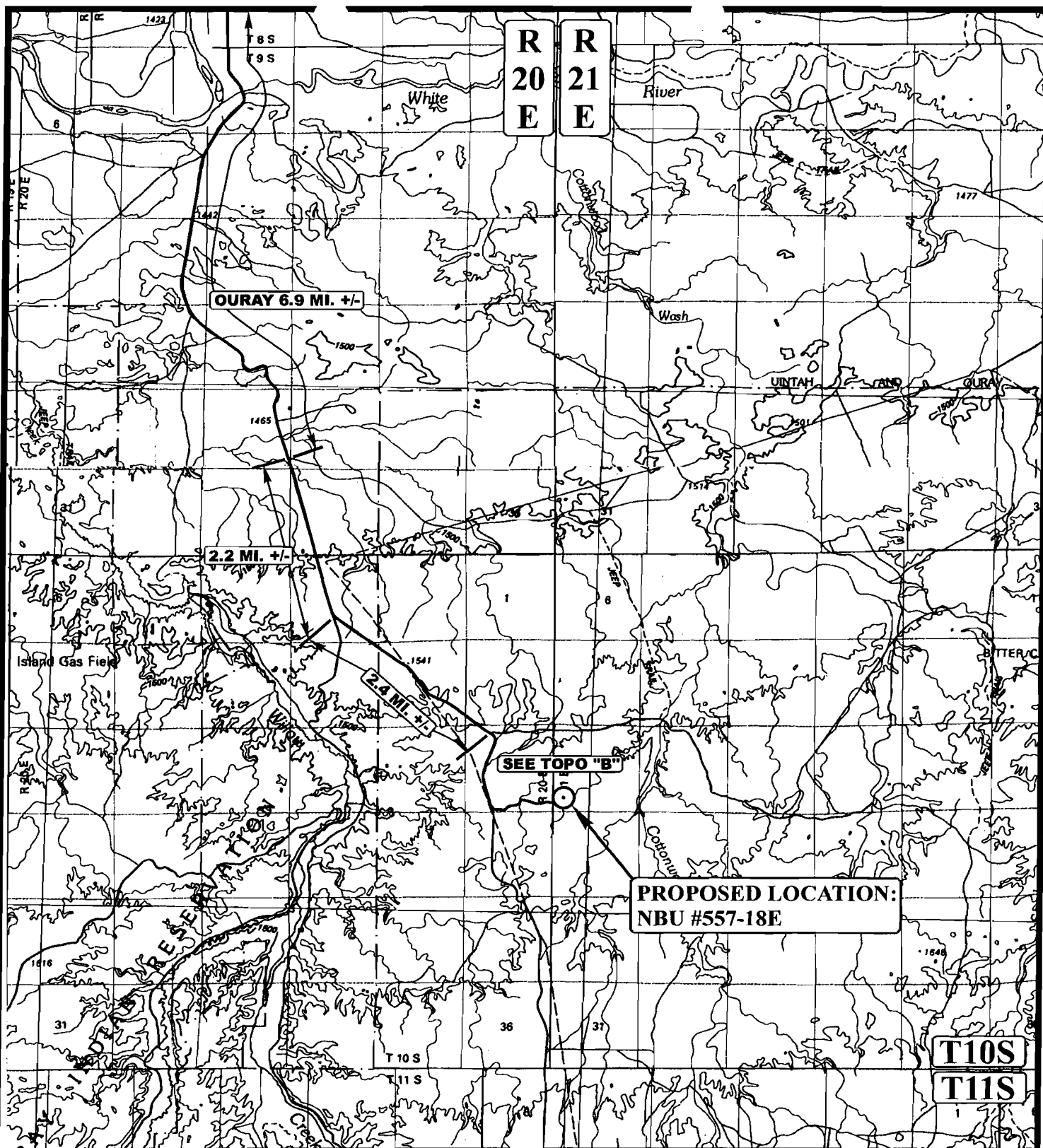
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,570 Cu. Yds.
Remaining Location	= 5,970 Cu. Yds.
TOTAL CUT	= 7,540 CU.YDS.
FILL	= 4,310 CU.YDS.

EXCESS MATERIAL	= 3,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,230 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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LEGEND:

⊙ PROPOSED LOCATION



EOG RESOURCES, INC.

NBU #557-18E
SECTION 18, T10S, R21E, S.L.B.&M.
852' FSL 661' FWL



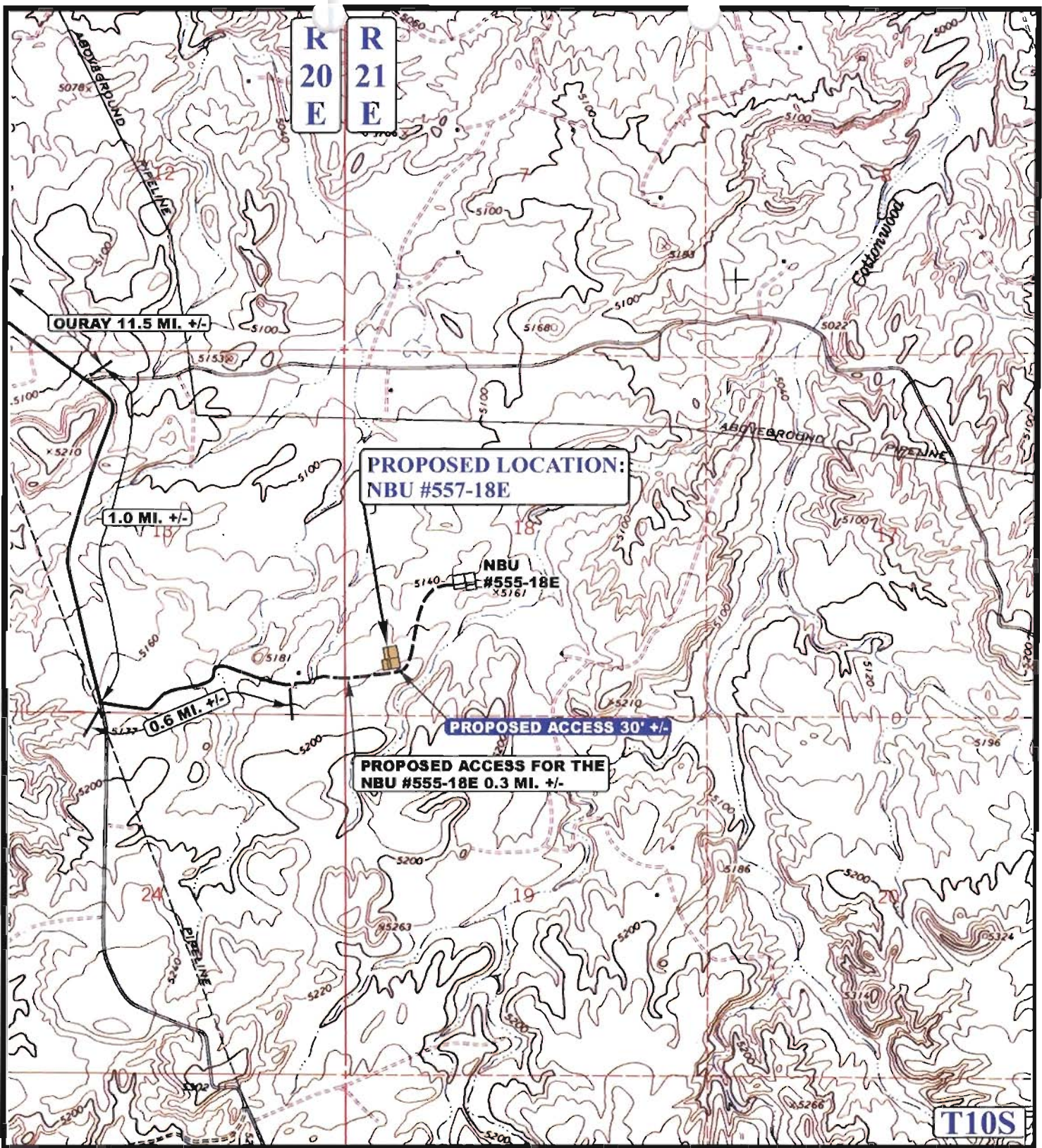
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

11 08 05
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: B.C. REVISED: 00-00-00





LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD

EOG RESOURCES, INC.

NBU #557-18E
 SECTION 18, T10S, R21E, S.L.B.&M.
 852' FSL 661' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

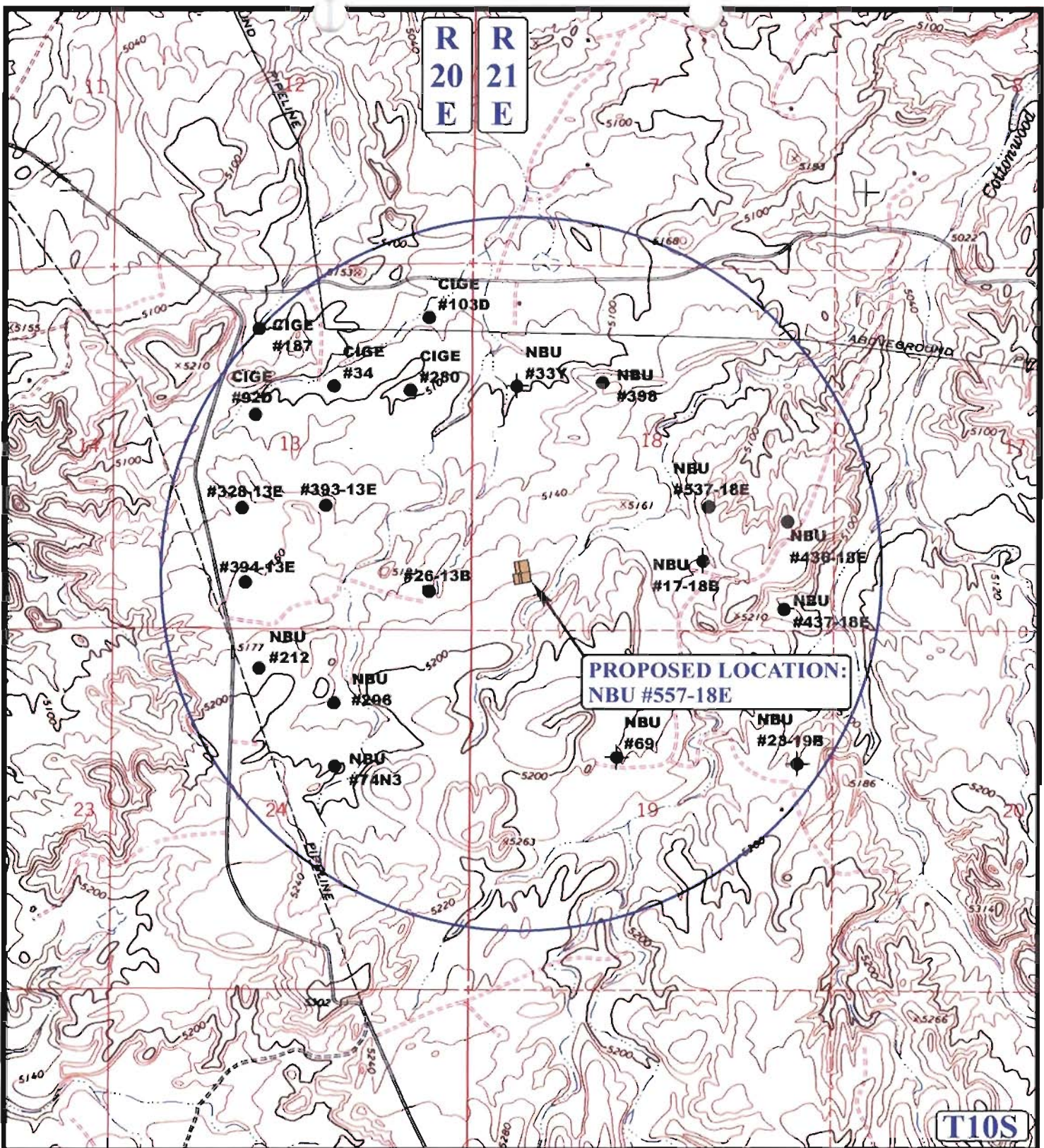


TOPOGRAPHIC
 MAP

11 08 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00





LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ◆ ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

EOG RESOURCES, INC.

NBU #557-18E
SECTION 18, T10S, R21E, S.L.B.&M.
852' FSL 661' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

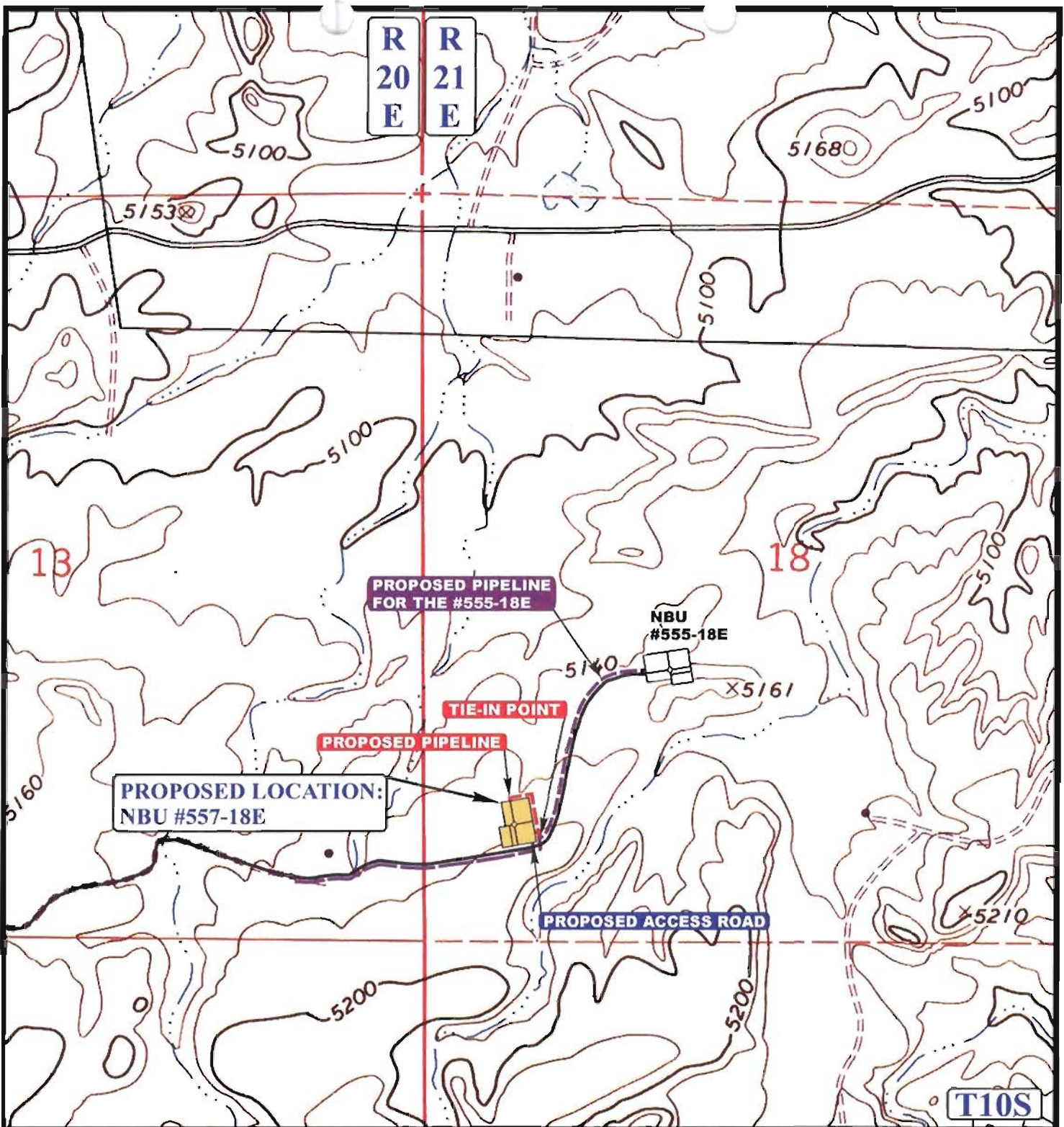


**TOPOGRAPHIC
MAP**

11 08 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 580' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



EOG RESOURCES, INC.

**NBU #557-18E
SECTION 18, T10S, R21E, S.L.B.&M.
852' FSL 661' FWL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

11 08 05
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: B.C. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/14/2005

API NO. ASSIGNED: 43-047-37513

WELL NAME: NBU 557-18E

OPERATOR: EOR RES LLC (NA558)

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

SWSW 18 100S 210E

SURFACE: 0852 FSL 0661 FWL

BOTTOM: 0852 FSL 0661 FWL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22791

SURFACE OWNER: 3 - State

PROPOSED FORMATION: NHORN

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	3/13/06
Geology		
Surface		

LATITUDE: 39.94285

LONGITUDE: -109.6012

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 965003033)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 49-1501)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

_____ R649-2-3.
Unit NATURAL BUTTES OK
_____ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
_____ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' fr updrsg funcomm tract
_____ R649-3-11. Directional Drill

COMMENTS:

Needs Permit (01-05-06)

STIPULATIONS:

1 - Surface Csg Cont Strip
2 - Cont Strip #3 (4 1/2" prod. string, 300' md)
3 - Oil Shale
4 - STATEMENT OF BASIS



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 17,18 T. 10S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: Uintah

CAUSE: 173-14 / 12-2-1999

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERMAL
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA WHITNEY
 DATE: 20-DECEMBER-2005

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: EOG RESOURCES INC.
WELL NAME & NUMBER: Natural Buttes Unit 557-18E
API NUMBER: 43-047-37513
LOCATION: 1/4,1/4 SW/SW Sec: 18 (Lot 4), TWP:10S RNG:21E 852 FSL 661 FWL

Geology/Ground Water:

EOG proposes to set 500 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 5,200 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 18. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. Production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole.

Reviewer: Brad Hill **Date:** 01/19/2006

Surface:

The pre-drill investigation of the surface was performed on January 5, 2006. Jim Davis (SITLA) and Ben Williams (UDWR) were invited to this investigation on 12/21/2005. Both were present.

Mr. Williams stated the area is classified as critical yearlong habitat for antelope by the UDWR. However antelope forage in the area is not limited and the drilling and operation of this well should not have a significant impact on this species. No other wildlife species are expected to be affected.

The proposed location appears to be the best location in the immediate area for drilling a well..

Reviewer: Floyd Bartlett **Date:** 01/12/2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: EOG RESOURCES INC.

WELL NAME & NUMBER: Natural Buttes Unit 557-18E

API NUMBER: 43-047-37513

LEASE: U-22791 **FIELD/UNIT:** NATURAL BUTTES UNIT

LOCATION: 1/4, 1/4 SW/SW **Sec:** 18 **TWP:** 10S **RNG:** 21E 852 FSL 661 FWL

LEGAL WELL SITING: 460' from unit boundary and uncommitted tracts.

GPS COORD (UTM): X =619502; Y =4422140 **SURFACE OWNER:** STATE OF UTAH (SITLA)

PARTICIPANTS

FLOYD BARTLETT (DOGM), ED TROTTER (EOG). Jim Davis (SITLA), Ben Williams, (UDWR)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

General Area is Cottonwood Wash Drainage. It is characterized by rolling hills, which are frequently divided by somewhat gentle draws, which flow into Cottonwood Wash. Cottonwood Wash is an ephemeral drainage, which drains northerly approximately 9 miles to the White River. The draws are sometimes rimmed with steep side hills, which have exposed sand stone bedrock cliffs along the rims.

This location is approximately 13 miles southeast of Ouray, Ut. and is accessed by the Seep Ridge Road 13.5 miles to a oilfield development road which runs to the east 0.6 miles to the #26-13B well. From this location, a new road is planned for the proposed NBU 555-18E well. 30 feet of new access will be required from this road to the proposed location.

The proposed location is on a gentle bench sloping slightly to the north toward a draw that drains into Cottonwood Wash. No drainage problems are expected.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: Construction of a well pad 325' by 200' plus a reserve pit 147' by 75' by 12 feet deep. Topsoil and reserve pit stockpiles are outside of the disturbed area. Access road consists of constructing approximately 0.6 miles of road which will also serve as access to an additional proposed well.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Numerous wells are within a 1 mile radius. See TOPO C in APD.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline is 580 feet in length and will be laid on the surface following the access road to a tie-in point.

SOURCE OF CONSTRUCTION MATERIAL: All construction materials will come from the location.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). Unlikely, as there are numerous other existing wells in the surrounding area.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: The location is a desert shrub vegetation type. Common plants are shadscale, greasewood, halogeton, curly mesquite, cheatgrass, bud sagebrush, horsebrush and rabbit brush. Common fauna is pronghorn, coyotes, songbirds, raptors, rodents, and rabbits.

SOIL TYPE AND CHARACTERISTICS: Deep light brown sandy loam. Covered with abundant small dark angular rock fragments.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems.

PALEONTOLOGICAL POTENTIAL: None expected. Survey completed 12/01/05 by SPC

RESERVE PIT

CHARACTERISTICS: 147' by 75' and 12' deep within an area of cut on the south west side of the location.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 mil liner will be required for reserve pit. Score of 25, Sensitivity Level II.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: Completed by MOAC 12-01-2005. Copy furnished to SITLA.

OTHER OBSERVATIONS/COMMENTS

Ben Williams representing the Utah Division of Wildlife Resources stated the area is classified as critical yearlong habitat for antelope. Antelope forage in the area is not limited and the drilling and operation of this well should not have a significant impact on this species.

No other wildlife species are expected to be affected.

ATTACHMENTS

Photos of this site were taken and placed on file.

Floyd Bartlett
DOGM REPRESENTATIVE

01-05-2006 2:00 PM
DATE/TIME

**Evaluation Ranking Criteria and Ranking
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>10</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 25 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

Casing Schematic

Winter

Surface

9-5/8"
MW 8.4
Frac 19.3

TOC @ 0.

Surface
500. MD

✓ proper TOC - Surface
* Surface Strip

1215 Green River

BHP

$$(1.052)(6275)(10) = 3263$$

Anticipate 3100

TOC @ 2009.

Gco

$$(0.12)(6275) = 753$$

MASP = 2510

BOPE - 3,000 ✓

$$\text{Surf csq} - 3520$$

$$70\% = 2464$$

✓ proper TOC ± 300'
* Cont Strip # 3

4:184 Toe Trail

41504 Washcut

w/ 0% Washcut

5154 Chapita Wells

5200 Bmsw

Max pressure @ Surf csq shoe = 1993

✓ Test To 2,000 #
(± 1800 psi surface press.)

✓ Adequate DWD 3/13/06

4-1/2"
MW 10.

Production
6275. MD

Well name:

03-06 EOG NBU 557-18EOperator: **EOG Resources**String type: **Surface**

Project ID:

43-047-37513Location: **Uintah County, Utah****Design parameters:****Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 440 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 438 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,275 ft
Next mud weight: 10.000 ppg
Next setting BHP: 3,260 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 500 ft
Injection pressure 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	500	9.625	36.00	J-55	ST&C	500	500	8.796	35.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	218	2020	9.264	500	3520	7.04	16	394	25.01 J

Prepared Clinton Dworshak
by: Utah Div. of Oil & Mining

Phone: (810) 538-5280
FAX: (801) 359-3940

Date: March 10, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

03-06 EOG NBU 557-18EOperator: **EOG Resources**String type: **Production**

Project ID:

43-047-37513Location: **Uintah County, Utah****Design parameters:****Collapse**Mud weight: 10.000 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 163 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 2,009 ft

BurstMax anticipated surface
pressure: 2,507 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 3,260 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 5,337 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6275	4.5	11.60	J-55	LT&C	6275	6275	3.875	145.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3260	4960	1.522	3260	5350	1.64	62	162	2.62 J

Prepared Clinton Dworshak
by: Utah Div. of Oil & MiningPhone: (810) 538-5280
FAX: (801) 359-3940Date: March 10, 2006
Salt Lake City, Utah**Remarks:**Collapse is based on a vertical depth of 6275 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Ed Bonner
To: Whitney, Diana
Date: 2/15/2006 3:57:43 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

EOG Resources, Inc.
NBU 556-18E
NBU 557-18E

Summit Operating, LLC
State 16-32-13-22
State 8-32-13-22
State 6-36-13-22
State 4-36-13-22

Westport Oil & Gas Company
NBU 1021-28G
NBU 1021-28O (APD has name as **State 1021-28O**) One significant site which must be avoided
NBU 1021-13A
NBU 1021-13C
NBU 1021-13G
NBU 1021-13I
NBU 1021-13K
NBU 1021-13O

Wind River II Corporation
Snowshoe 2-15-16-22

If you have any questions regarding this matter please give me a call.

CC: Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 3, 2006

EOG Resources, Inc.
P O Box 1815
Vernal, UT 84078

Re: Natural Buttes Unit 557-18E Well, 852' FSL, 661' FWL, SW SW, Sec. 18,
T. 10 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37513.

Sincerely,

A handwritten signature in cursive script, appearing to read "K. Michael Hebertson".

For

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal District Office

Operator: EOG Resources, Inc.
Well Name & Number Natural Buttes Unit 557-18E
API Number: 43-047-37513
Lease: ML-22791

Location: SW SW **Sec.** 18 **T.** 10 South **R.** 21 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Cement volume for the 4 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 300' MD as indicated in the submitted drilling plan.
8. Surface casing shall be cemented to the surface.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-22791	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: NATURAL BUTTES UNIT	
2. NAME OF OPERATOR: EOG RESOURCES, INC.				9. WELL NAME and NUMBER: NATURAL BUTTES UNIT 557-18E	
3. ADDRESS OF OPERATOR: P.O. BOX 1815 CITY VERNAL STATE UT ZIP 84078			PHONE NUMBER: (435) 789-0790		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 852' FSL, 661' FWL <i>619502X</i> <i>39.942845</i> AT PROPOSED PRODUCING ZONE: SAME <i>4422140Y</i> <i>109.601241</i>				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: LOT4 18 10S 21E S <i>3WSW</i>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.41 MILES SOUTHEAST OF OURAY, UTAH				12. COUNTY: UINTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 661'		16. NUMBER OF ACRES IN LEASE: 161		17. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) SEE TOPO MAP "C"		19. PROPOSED DEPTH: 6,275		20. BOND DESCRIPTION: JP-0921	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5171.2' GRADED GROUND		22. APPROXIMATE DATE WORK WILL START: 12/22/2005		23. ESTIMATED DURATION: 45 DAYS	

24. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	9 5/8" J-55 36.0#	500	SEE 8 POINT PLAN		
7 7/8"	4 1/2" J-55 11.6#	6,275	SEE 8 POINT PLAN		

25. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Ed Trotter TITLE Agent
 SIGNATURE *Ed Trotter* DATE 11/22/2005

(This space for State use only)

API NUMBER ASSIGNED: 43-047-32513

Approved by the
 Utah Division of
 Oil, Gas and Mining
 Date: 08-03-06
 By: *[Signature]*

DEC 14 2005

(11/2001)

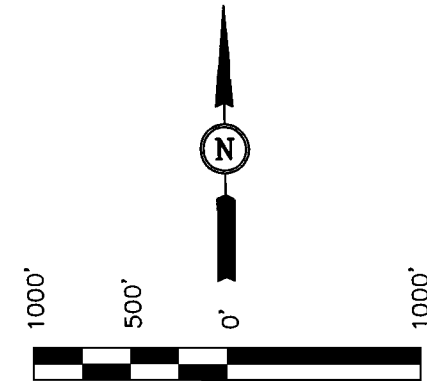
T10S, R21E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, NBU #557-18E, located as shown in the SW 1/4 SW 1/4 (Lot 4) of Section 18, T10S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

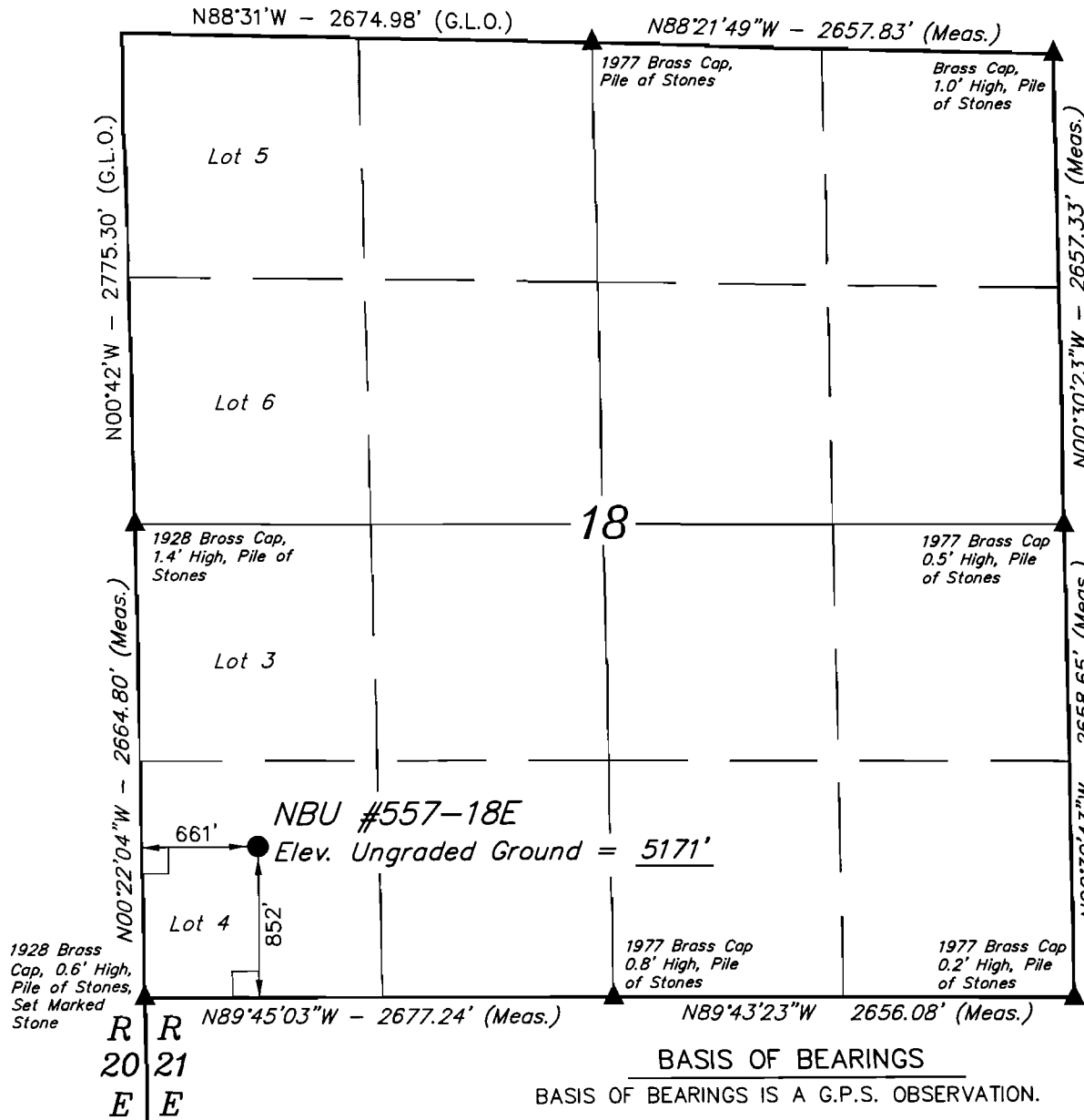


SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John H. King
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



UTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-7-05	DATE DRAWN: 11-15-05
PARTY G.S. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

Well:		API Number:	Commenced:
Ashley Fed 2	drlg rpts/wcr	4301332595	08/10/2006
CWU 1008-22	drlg rpts/wcr	4304736919	05/22/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 546-1E	wcr	4304736280	06/15/2007
CWU 1225-11	drlg rpts/wcr	4304738426	06/18/2007
Gilsonite 11-02GR	wcr	4301333483	06/21/2007
CWU 1005-27	drlg rpts/wcr	4304736922	06/27/2007
CWU 1226-11	drlg rpts/wcr	4304738430	07/03/2007
Petes Wash U 13-06GR	drlg rpts/wcr	4301333203	07/06/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 686-30	drlg rpts/wcr	4304736960	07/15/2007
N Chapita 340-34	drlg rpts/wcr	4304738060	07/24/2007

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: EOG Resources, Inc Today's Date: 11/27/2007

Well: _____ API Number: _____ Drilling Commenced: _____
See Attachment

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
EOG Resources, Inc.

3. ADDRESS OF OPERATOR:
600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 824-5526

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 852' FSL & 661' FWL 39.942794 LAT 109.601933 LON

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 10S 21E S.L.B. & M.

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-22791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
Natural Buttes Unit

8. WELL NAME and NUMBER:
Natural Buttes Unit 557-18E

9. API NUMBER:
43-047-37513

10. FIELD AND POOL, OR WILDCAT:
Natural Buttes/Wasatch

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

No drilling activity has occurred since spud on 7/7/2007.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE

Mary A. Maestas

DATE

12/3/2007

(This space for State use only)

RECEIVED

DEC 06 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852' FSL & 661' FWL 39.942794 LAT 109.601933 LON		8. WELL NAME and NUMBER: Natural Buttes Unit 557-18E
PHONE NUMBER: (303) 824-5526		9. API NUMBER: 43-047-37513
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 10S 21E S.L.B. & M.		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Drilling has commenced on the subject well.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>2/11/2008</u>

(This space for State use only)

RECEIVED

FEB 13 2008

DIV. OF OIL, GAS & MINING

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports,
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: EOG Resources, Inc

Today's Date: 02/14/2008

Well:

API Number:

Drilling Commenced:

See Attachment

43 DA7 37513
NBU 557-18E
10S 21E 18

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

cc: Well File
Compliance File

Well:		API Number:	Commenced:
Pete's Wash 10-36	drlg rpts/wcr	4301333094	10/18/2006
Hoss 8-31	wcr	4304738606	11/30/2006
Simoleon 1-26GR	drlg rpts/wcr	4304737507	02/23/2007
Hoss 7-31	drlg rpts/wcr	4304738669	02/23/2007
E Chapita 8-16	drlg rpts/wcr	4304736815	03/17/2007
Hoss 1-36	drlg rpts/wcr	4304738612	03/22/2007
Hoss 11-31	drlg rpts/wcr	4304738670	03/24/2007
Hoss 35-30	drlg rpts/wcr	4304738706	03/24/2007
Hoss 36-30	drlg rpts/wcr	4304738763	03/24/2007
Hoss 21-32	drlg rpts/wcr	4304738714	04/09/2007
Hoss 20-32	drlg rpts/wcr	4304738717	04/17/2007
Hoss 23-32	drlg rpts/wcr	4304738716	04/25/2007
Hoss 4-36	drlg rpts/wcr	4304738609	05/03/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 319-17E	drlg rpts/wcr	4304737511	07/05/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 1237-21	wcr	4304738078	07/27/2007
Hoss 58-35	drlg rpts/wcr	4304738888	08/03/2007
Hoss 31-30	drlg rpts/wcr	4304738702	08/10/2007
Hoss 63-31	drlg rpts/wcr	4304738960	08/10/2007
NBU 556-18E	drlg rpts/wcr	4304737514	08/13/2007
CWU 957-32	drlg rpts/wcr	4304736486	08/16/2007
NBU 555-18E	drlg rpts/wcr	4304737685	08/19/2007
Hoss 62-36	drlg rpts/wcr	4304738972	08/28/2007
NBU 438-19E	drlg rpts/wcr	4304737534	08/31/2007
N Chapita 284-6	drlg rpts/wcr	4304737716	09/05/2007
CWU 1031-32	drlg rpts/wcr	4304737720	09/10/2007
Hoss 64-36	drlg rpts/wcr	4304738964	09/13/2007
CWU 963-33	drlg rpts/wcr	4304738961	09/14/2007
NBU 565-30E	drlg rpts/wcr	4304737533	09/20/2007
CWU 1328-32	drlg rpts/wcr	4304739301	09/27/2007
N Chapita 339-34	drlg rpts/wcr	4304738061	10/04/2007
NBU 562-19E	drlg rpts/wcr	4304737536	10/08/2007
CWU 1112-27	drlg rpts/wcr	4304737384	10/09/2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER _____

2. NAME OF OPERATOR:

EOG Resources, Inc.

3. ADDRESS OF OPERATOR:

600 17th St., Suite 1000N CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 824-5526

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-22791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Natural Buttes Unit

8. WELL NAME and NUMBER:

Natural Buttes Unit 557-18E

9. API NUMBER:

43-047-37513

10. FIELD AND POOL, OR WILDCAT:

Natural Buttes/Wasatch

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 852' FSL & 661' FWL 39.942794 LAT 109.601933 LON

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 10S 21E S.L.B. & M.

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Drilling operations</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

TD for the subject well was reached on 2/11/2008. Pending further evaluation, completion operations will be finished within the first quarter of 2008.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE

Mary A Maestas

DATE

3/11/2008

(This space for State use only)

RECEIVED

MAR 12 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit
PHONE NUMBER: (303) 824-5526		8. WELL NAME and NUMBER: Natural Buttes Unit 557-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852' FSL & 661' FWL 39.942794 LAT 109.601933 LON		9. API NUMBER: 43-047-37513
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 10S 21E S.L.B. & M.		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
COUNTY: Uintah		STATE: UTAH

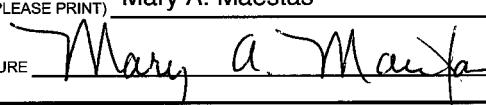
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well was turned to sales on 3/28/2008. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

RECEIVED
APR 03 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Mary A. Maestas	TITLE Regulatory Assistant
SIGNATURE 	DATE 4/1/2008

(This space for State use only)

WELL CHRONOLOGY REPORT

Report Generated On: 04-01-2008

Well Name	NBU 557-18E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES	API #	43-047-37513	Well Class	1SA
County, State	UINTAH, UT	Spud Date	02-09-2008	Class Date	03-28-2008
Tax Credit	N	TVD / MD	6,240/ 6,240	Property #	058069
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	0/ 0
KB / GL Elev	5,184/ 5,171				
Location	Section 18, T10S, R21E, SWSW, 852 FSL & 661 FWL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	66.667	NRI %	49.395

AFE No	303802	AFE Total	1,054,200	DHC / CWC	465,200/ 589,000
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Rig Contr	ELENBURG	Rig Name	ELENBURG # 28	Start Date	01-18-2006	Release Date	02-13-2008
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Rig Contr	ELENBURG	Rig Name	ELENBURG #28	Start Date	01-18-2006	Release Date	
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01-18-2006 Reported By

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
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Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0
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MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	LOCATION DATA 852' FSL & 661' FWL (LOT 4) SECTION 18, T10S, R21E UINTAH COUNTY, UTAH
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LAT 39.942831, LONG 109.601244 (NAD 27)
LAT 39.942794, LONG 109.601933 (NAD 83)

RIG: ELENBURG #28
OBJECTIVE: 6240' TD, BUCK CANYON
DW/GAS
NATURAL BUTTES PROSPECT
DD&A: NATURAL BUTTES
NATURAL BUTTES FIELD

LEASE: ML-22791
ELEVATION: 5171.3' NAT GL, 5171.2' PREP GL, (DUE TO ROUNDING THE PREP GL WILL BE 5171') 5184' KB (13')

EOG WI 66.666667%, NRI 49.394976%

06-07-2007 Reported By TERRY CSERE

DailyCosts: Drilling \$38,000 Completion \$0 Daily Total \$38,000

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION STARTED.

06-08-2007 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 30% COMPLETE.

06-11-2007 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 40% COMPLETE.

06-12-2007 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 50% COMPLETE.

06-13-2007 Reported By TERRY CSERE

DailyCosts: Drilling \$0 Completion \$0 Daily Total \$0

Cum Costs: Drilling \$38,000 Completion \$0 Well Total \$38,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: BUILD LOCATION

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION 60% COMPLETE.

06-14-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 65% COMPLETE.

06-15-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT. DRILLING.

06-18-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT LOCATION.

06-19-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PUSHING OUT PIT.

06-20-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	ROCKED OUT. DRILLING TODAY.

06-21-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	DRILLING HOLES TODAY.

06-22-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SHOOTING TODAY.

06-25-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION COMPLETE. NO LINER.

07-09-2007 Reported By TERRY CSERE

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$38,000	Completion	\$0	Well Total	\$38,000

MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIG'S ROUSTABOUT SERVICE SPUD A 20" HOLE ON 7/7/2007 @ 10:00 AM. SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND MICHAEL LEE W/BLM OF THE SPUD 7/7/2007 @ 9:00 AM.

08-08-2007 Reported By JERRY BARNES

Daily Costs: Drilling	\$196,753	Completion	\$0	Daily Total	\$196,753
Cum Costs: Drilling	\$234,753	Completion	\$0	Well Total	\$234,753

MD	2,430	TVD	2,430	Progress	0	Days	0	MW	0.0	Visc	0.0
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Formation :	PBTD : 0.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: WORT

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 MIRU PRO PETRO AIR RIG #9 ON 7/15/2007. DRILLED 12-1/4" HOLE TO 2460' GL. ENCOUNTERED WATER @ 1650'. RAN 60 JTS (2417.15') OF 9-5/8", 36.0#, J-55, ST&C CASING WITH TOP-CO GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2430' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 170 BBLS FRESH WATER & 40 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 220 SX (150 BBLS) OF PREMIUM LEAD CEMENT W/ 16% GEL, 10#/ SX GILSONITE, 3#/ SX GR-3, 3% SALT, & 1/4#/ SX FLOCELE. MIXED CEMENT TO 11.0 PPG W/ YIELD OF 3.82 CF/SX.

TAILED IN W/ 225 SX (46 BBLS) OF PREMIUM CEMENT W/ 2% CACL2 & 1/4#/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 PPG W/ YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/ 184.9 BBLS FRESH WATER. BUMPED PLUG W/ 1000# @ 10:15 PM, 7/17/2007. CHECK FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 10 BBLS INTO LEAD CEMENT. CIRCULATED 20 BBLS LEAD CEMENT TO PIT. HOLE FELL BACK WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100 SX (20 BBLS) OF PREMIUM CEMENT W/ 4% CACL2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. HOLE FILLED & CIRCULATED APPROXIMETLY 2 BBLS CEMENT TO SURFACE. HOLE FELL BACK WHEN PUMPING STOPPED. WOC 1 HR 10 MINUTES.

TOP JOB # 2: MIXED & PUMPED 125 SX (25 BBLS) OF PREMIUM CEMENT W/ 4% CACL2 & 1/4#/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

RAN SURVEY @ 2236', 3 1/2 DEGREE. TAGGED @ 2256'.

DALL COOK NOTIFIED DAVE HACKFORD W/ UDOGM OF THE SURFACE CASING & CEMENT JOB ON 7/15/2007 @ 10:30 AM.

02-08-2008		Reported By		GARY CONDER					
Daily Costs: Drilling		\$80,394		Completion	\$499		Daily Total	\$80,893	
Cum Costs: Drilling		\$315,147		Completion	\$499		Well Total	\$315,646	
MD	2,430	TVD	2,430	Progress	0	Days	0	MW 8.4 Visc 27.0	
Formation :		PBTD : 0.0		Perf :		PKR Depth : 0.0			
Activity at Report Time: NIPPLE UP BOP'S.									

Start	End	Hrs	Activity Description
06:00	07:00	1.0	RIG DOWN FOR TRUCKS.
07:00	19:00	12.0	HELD A SAFETY MEETING WITH CREW AND TRUCK DRIVERS, RIG DOWN AND MOVE RIG, SET BOP'S AND TEST SEALS TO 5000 PSI (INSALLED BOP LOCK RING), RIG UP AND RELEASED THE TRUCKS @ 19:00 HRS.
19:00	02:00	7.0	RIG UP WITH HANDS.
02:00	06:00	4.0	NIPPLE UP BOP'S. RIG ON DAY WORK 2/8/2008 @ 02:00 HRS.
CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN / TOTAL MAN HOURS - 100 HRS.			
RIG MOVE HOURS - 11 HRS. / TRUCKS RELEASED 2/7/2008.			
BOP TEST AT APPROX. 07:00, 2/8/2008			
NOTIFIED DAVID HACKFORD WITH THE DIVISION OF OIL & GAS FOR SPUD 2/7/2008 @ 14:00 HRS.			
NO ACCIDENTS OR INCIDENTS REPORTED.			
FUEL - 2785 GALS. / USED - 364 GALS. / BOILER - 10 HRS. (10 HRS.).			

RIG ON DAY WORK 2/8/2008 @ 02:00 HRS.

02-09-2008	Reported By	GARY CONDER									
Daily Costs: Drilling	\$62,175	Completion	\$0	Daily Total	\$62,175						
Cum Costs: Drilling	\$377,322	Completion	\$499	Well Total	\$377,821						
MD	2,430	TVD	2,430	Progress	0	Days	0	MW	8.5	Visc	29.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						
Activity at Report Time: PERFORM F.I.T											

Start	End	Hrs	Activity Description
06:00	08:30	2.5	NIPPLE UP BOP's.
08:30	12:30	4.0	TEST BOP's AND CHOKE MANIFOLD 250 PSI LOW 5000 PSI HIGH / ANNULAR 250PSI LOW 2500 PSI HIGH. TESTED CASING TO 1500 PSI.
12:30	17:00	4.5	NIPPLE UP ROTATING HEAD, EXTENSION SPOOL, FLOW LINE AND FLARE LINES.
17:00	17:30	0.5	INSTALL WEAR BUSHING.
17:30	19:30	2.0	LOAD PIPE RACK AND STRAP DRILL COLLARS AND HWDP.
19:30	20:00	0.5	PICK UP BHA AND BIT #1.
20:00	20:30	0.5	RIG REPAIR, WORK ON IRON ROUGH NECK HYDRAULIC PROBLEM (WOULD NOT FUNCTION).
20:30	22:30	2.0	PICK UP DRILL COLLARS AND ONE JT OF HWDP.
22:30	23:00	0.5	RIG REPAIR, WORK ON PUMPS (NO AIR TO STARTERS, RESET EMERGENCY SHUT OFF VALVES ON AIR FILTER INTAKES).
23:00	23:30	0.5	FILL THE PIPE AND TEST THE TELEDRIFT TOOL.
23:30	00:30	1.0	PICK UP HWDP.
00:30	01:00	0.5	FILL RACK WITH PIPE AND STRAP PIPE.
01:00	01:30	0.5	PICK UP DRILL PIPE.
01:30	02:00	0.5	RIG REPAIR, FIX LEAKING HYDRAULIC HOSE ON THE BOOM ARM.
02:00	03:00	1.0	PICK UP DRILL PIPE, TAGGED CEMENT @ 2287'.
			FUEL - GALS / USED - GALS. / BOILER - 24 HRS (34 HRS.) / RECIEVED 8000 GALS. OF FUEL.
			CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN / NO ACCIDENTS OR INCIDENTS REPORTED.
			S/M - NIPPLING UP, PICKING UP BHA.
			MUD WT. - 8.4, VIS. - 28.
			FORMATION - GREEN RIVER.
03:00	05:30	2.5	DRILL CEMENT/FLOAT EQUIP F/2287' TO/2430' PLUS 10' OF NEW HOLE TO 2440' .
05:30	06:00	0.5	SPOT A HIGH VIS SWEEP ON BOTTOM AND PERFORM FIT @ 2440', MW 8.5, + 253 PSI = 10.5 EMW.
			FUEL - 6450 GALS / USED - 944 GALS. / BOILER - 24 HRS (34 HRS.) / RECIEVED 8000 GALS. OF FUEL.
			CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN /
			NO ACCIDENTS OR INCIDENTS REPORTED.
			S/M - NIPPLING UP, PICKING UP BHA.
			MUD WT. - 8.4, VIS. - 28.
			FORMATION - GREEN RIVER.

02-10-2008	Reported By	GARY CONDER									
Daily Costs: Drilling	\$28,516	Completion	\$0	Daily Total	\$28,516						
Cum Costs: Drilling	\$405,839	Completion	\$499	Well Total	\$406,338						
MD	4,035	TVD	4,035	Progress	1,605	Days	1	MW	9.2	Visc	34.0
Formation :	PBTD : 0.0			Perf :	PKR Depth : 0.0						
Activity at Report Time: DRILLING @ 4035'											

Start	End	Hrs	Activity Description
00:00	08:00	8.0	INSTALL ROTATING HEAD RUBBER.
08:00	08:30	0.5	DRILL F/2430' TO/2496' (66') 132' FPH, 10/12K WOB, RPM 50 ROT/MTR 51, 8.5 MW, 287 GPM.
08:30	10:00	1.5	SURVEY WITH TELEDRIPT (NO PULSE OR SIGNAL) CHANGED OUT THE STAND PIPE SENSOR AND CORD TO THE ELECTRONIC RECORDER, NO SURVEY.
10:00	10:30	0.5	DRILL F/2496' TO/2541', (45') 90 FPH, 10/12K WOB, RPM 60 ROT./MTR. 69, 8.5 MW, 430 GPM.
10:30	11:00	0.5	WIRE LINE SURVEY @ 2541' / 2 DEG.
11:00	12:30	1.5	DRILL F/2541' TO/2765', (224') 149.3 FPH, 12/15K WOB, RPM 55 ROT./MTR. 69, 8.5 MW, 430 GPM.
12:30	13:00	0.5	TELEDRIPT SURVEY @ 2765' / 2 DEG.
13:00	13:30	0.5	DRILL F/2765' TO/2812', (47') 94 FPH, 12/15K WOB, RPM 55 ROT./MTR. 69, 8.5 MW, 430 GPM.
13:30	14:00	0.5	SERVICE RIG, BOP DRILL 1MIN. 45 SEC. TO STATIONS.
14:00	15:30	1.5	DRILL F/2812' TO/2945', (133') 88.6 FPH, 14/18K WOB, RPM 55 ROT./MTR. 69, 8.6 MW, 430 GPM.
15:30	16:30	1.0	RIG REPAIR, CHANGE OIL IN TOP DRIVE SWIVEL AND CHECK BOLTS.
16:30	17:30	1.0	DRILL F/2945' TO/3037', (92') 92 FPH, 14/18K WOB, RPM 60 ROT./MTR. 69, 8.7 MW, 430 GPM.
17:30	18:00	0.5	TELEDRIPT SURVEY @ 3037' / 2 DEG.
18:00	00:00	6.0	DRILL F/3037' TO/ 3535', (498') 83 FPH, 14/18K WOB, RPM 60 ROT./MTR. 69, 9.1 MW, 430 GPM.
00:00	00:30	0.5	SERVICE RIG, BOP DRILL 1 MIN. 45 SEC. TO STATIONS.
00:30	06:00	5.5	DRILL F/3535' TO/4035', (500') 90.9 FPH, 14/18K WOB, RPM 60 ROT./MTR. 69, 9.1 MW, 430 GPM.
			FUEL - 5625 GALS / USED - 829 GALS. / BOILER - 24 HRS (58 HRS.).

CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN / NO ACCIDENTS OR INCIDENTS REPORTED.

S/M - MAKING CONNECTIONS, WORKING 6' ABOVE GROUND LEVEL / JSA - 2.

P/U WT. - 93, S/O WT. - 89, ROT WT. - 92.

SPR #2 @ 3812' - 458 PSI @ 60 SPM / PMW - 9.1 PPG.

ACC.-2800, MAN. - 3200, ANN. - 900.

FORMATION TOP - GREEN RIVER.

BG - 310U, CONN. - 2300U, HIGH GAS - 2904U @ 3929'.

CURRENT MUD WT. - 9.1, VIS. - 34. INCREASING MUD WT TO 9.5 PPG.

06:00 18.0 SPUD 7 7/8" HOLE AT 08:00 HRS, 2/9/08.

02-11-2008		Reported By		GARY CONDER							
Daily Costs: Drilling		\$35,262		Completion		\$0		Daily Total		\$35,262	
Cum Costs: Drilling		\$441,102		Completion		\$499		Well Total		\$441,601	
MD	5,760	TVD	5,760	Progress	1,725	Days	2	MW	10.1	Visc	41.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 5760'											

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL F/4035' TO/4623', (588') 84' FPH, 16/18 K WOB, RPM ROT 60./MTR. 69, 9.7 MW, 430 GPM.
13:00	13:30	0.5	SERVICE RIG, FUNCTION TEST CROWN-O-MATIC.
13:30	23:30	10.0	DRILL F/4623' TO/5348', (725') 72.5' FPH, 16/18 K WOB, RPM ROT 60./MTR. 69, 9.5 MW, 430 GPM.
23:30	00:00	0.5	SERVICE RIG.
00:00	06:00	6.0	DRILL F/5348' TO/5760', (412') 68.6' FPH, 16/18 K WOB, RPM ROT 60./MTR. 69, 9.5 MW, 430 GPM.
			FUEL - 4178 GALS. / USED - 1447 GALS. / BOILER - 24 HRS (82 HRS.).
			CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN / NO ACCIDENTS OR INCIDENTS REPORTED.
			S/M - FORKLIFT SAFETY, GOOD HOUSEKEEPING / JSA - 2.

P/U WT.- 126, S/O WT.- 124, ROT WT.- 125.
 SPR #1 @ 5122' - 550 PSI @ 60 SPM / PMW - 10.1 PPG.
 SPR #2 @ 5260' - 580 PSI @ 61 SPM / PMW - 10.1 PPG.
 #2 OFF BTM - 1613 PSI / ON BTM. - 1775 PSI.
 ACC.- 3100, MAN. - 2600, ANN. - 800, FLUID - 21"
 FORMATION TOP - CHAPITA WELLS.
 BG - 120U, CONN. - 2257U, HIGH GAS - 5492U @ 4463' / NO FLARE.
 CURRENT MUD WT. - 10.1, VIS. - 40.

02-12-2008		Reported By		GARY CONDER							
Daily Costs: Drilling		\$33,188		Completion		\$3,756		Daily Total		\$36,944	
Cum Costs: Drilling		\$474,290		Completion		\$4,255		Well Total		\$478,545	
MD	2,430	TVD	2,430	Progress	480	Days	3	MW	10.8	Visc	41.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: RIG REPAIR / REPAIR STAND PIPE.											
Start	End	Hrs	Activity Description								
06:00	13:30	7.5	DRILL F/5760' TO/6240', (480') 64' FPH, 20/22 K WOB, RPM ROT 60./MTR. 69, 10.6 MW, 430 GPM, REACHED TD ON 2/11/2008 @ 13:30 HRS.								
13:30	15:30	2.0	PUMP A HIGH VIS SWEEP AND CIRCULATE @ 6240'.								
15:30	00:00	8.5	PUMP A TRIP SLUG AND SHORT TRIP BACK TO THE SHOE DUE TO TIGHT HOLE F/5665'-5031', 4849'-4804', 4623'-4532', 3852'-3175. CIRCULATED AND BACK REAMED TIGHT SPOTS OUT TO THE SHOE.								
00:00	00:30	0.5	RIG SERVICE.								
00:30	02:00	1.5	TRIPPING IN @ 3630', KELLY HOSE HUNG UP ON THE SURVEY TOOL STAND PIPE TRANSDUCER AND RIPPED IT OUT OF THE STAND PIPE PULLING ALL OF THE THREADS OUT OF THE WELDLET ON THE STAND PIPE.								
02:00	05:30	3.5	RIG REPAIR, PULL BACK TO THE CASING SHOE WHILE WAITING ON A WELDER AND REPAIR THE STAND PIPE.								
05:30	06:00	0.5	TRIP IN THE HOLE.								
FUEL - 3000 GALS. / USED - 1178 GALS. / BOILER - 24 HRS (106 HRS.).											
CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN / NO ACCIDENTS OR INCIDENTS REPORTED.											
S/M - WORKING THE BOOM ARM.											
DAYLIGHT CREW CHECKED CROWN-O-MATIC.											
ACC.- 3100, MAN. - 2600, ANN. - 800, FLUID - 21" .											
FORMATION TOP - BUCK CANYON.											
BG - 120U, CONN. - 707U, HIGH GAS - 5389U @ 5884' / NO FLARE.											
CURRENT MUD WT. - 10.8, VIS. - 44.											
REACHED T.D. @ 13:30 2/11/2008.											

02-13-2008		Reported By		GARY CONDER											
Daily Costs: Drilling		\$40,577		Completion		\$0		Daily Total		\$40,577					
Cum Costs: Drilling		\$514,867		Completion		\$4,255		Well Total		\$519,122					
MD	6,240	TVD	6,240	Progress	0	Days	4	MW	10.8	Visc	43.0				
Formation :				PBTD : 0.0				Perf :				PKR Depth : 0.0			
Activity at Report Time: RUNNING PROD CSG															
Start	End	Hrs	Activity Description												
06:00	07:00	1.0	TRIP IN TO 4305' HIT TIGHT HOLE.												
07:00	07:30	0.5	WASH AND REAM F/4305' TO/4395'.												

07:30	09:00	1.5 TRIP IN THE HOLE TO 6290'.
09:00	09:30	0.5 WASH F/6029' TO/6240' NO HARD FILL.
09:30	12:30	3.0 PUMP A HIGH VIS SWEEP AND CIRCULATE TO L/D DRILL PIPE.
12:30	13:00	0.5 DROPPED A SURVEY AND PUMPED THE TRIP SLUG.
13:00	18:00	5.0 LAY DOWN DRILL PIPE NO DRAG TRIPPING OUT.
18:00	18:30	0.5 PULLED THE ROTATING HEAD RUBBER.
18:30	19:00	0.5 LAYED DOWN 8 JTS. OF HWDP AND THE TOP DRIVE WOULD NOT PULL ON THE 9TH JT.
19:00	19:30	0.5 RIG REPAIR WORK ON TOP DRIVE SIDE ROLLERS AND GUIDE INSERTS.
19:30	20:00	0.5 TRIP OUT 9 JTS OF HWDP WITH ADDITIONAL DRAG. TOP DRIVE WOULD NOT GO UP OR DOWN,
20:00	22:00	2.0 WORK ON TOP DRIVE SIDE GUIDE ROLLERS.
22:00	23:30	1.5 TRIPPED OUT HWDP AND BHA, WHILE PULLING THE BIT THROUGH THE BOP's WE ALSO PULLED THE WEAR BUSHING, AFTER CLEANING OFF THE MUD THERE WAS AN IRON ROUGHNECK DIE SUCK IN THE WEAR BUSHING WHICH EXPLAINS THE EXTRA DRAG PULLING THE HWDP OUT.
23:30	01:00	1.5 HELD A SAFETY MEETING WITH THE HANDS AND RIGGED UP TO RUN CASING.
01:00	06:00	5.0 RUN 4 1/2" CASING.

BOILER - 24 HRS (130 HRS.).

CREWS FULL - DAYS 5 MEN, NIGHTS 4 MEN / NO ACCIDENTS OR INCIDENTS REPORTED.

S/M - LAYING DOWN PIPE. RUNNING CASING.

DAYLIGHT CREW CHECKED CROWN-O-MATIC.

FORMATION TOP - BUCK CANYON.

BG - 0U, CONN. - 0, HIGH GAS - 5389U @ 5884'.

CURRENT MUD WT. - 10.8, VIS. - 44.

02-14-2008 Reported By GARY CONDER

Daily Costs: Drilling \$31,116 Completion \$93,361 Daily Total \$124,477

Cum Costs: Drilling \$545,983 Completion \$97,616 Well Total \$643,599

MD 6,240 TVD 6,240 Progress 0 Days 5 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:30	2.5	RUN 4 1/2" CASING TO BOTTOM. SPACE OUT CASING, TAGGED @ 6240'. L/D ONE JT OF CASING . RAN A TOTAL OF 147 JT'S OF 4 1/2" 11.6 PPF, N-80, LTC CASING AS FOLLOWS: FLOAT SHOE LANDED @ 6237', JT CASING, FLOAT COLLAR @ 6191.55, 13 JT'S CASING, 1 - MARKER JT (10.47) AT 5629', 82 JT'S CASING, 1 - MARKER JT (9.82) AT 2169'. INSTALLED CENTRALIZERS ON MIDDLE OF SHOE JT., 2 - JTS ABOVE THE FLOAT COLLAR, THAN EVERY 3RD. JT. TO 4583' FOR A TOTAL OF 15 CENTRALIZERS. THREAD LOCK SHOE, 1ST JT, FLOAT COLLAR & 2ND JT.
08:30	09:30	1.0	PICK UP DTO MANDREL HANGER AND LANDING JT., INSTALL ROTATING HEAD RUBBER AND SET FLUTED DTO HANGER.
09:30	11:00	1.5	FILL THE CASING AND CIRCULATE, RIG UP SCHLUMBERGER.

11:00 12:30 1.5 HELD A SAFETY MEETING WITH RIG CREW AND CEMENT HANDS. RU SCHLUMBERGER. TEST LINES TO 5000 PSI. PUMPED 20 BBLs. CHEMICAL WASH AND 20 BBLs. WATER SPACER. MIXED AND PUMPED (127.3) BBLs. (240 SKS.) G LEAD CMT. + ADDITIVES: D020, 10% EXTENDER+D167, .2% FLUID LOSS+D046, .2% ANTIFOAM+D013, .5% RETARDER+D065, .5% DISPERSANT+D130, .125 LB/SK. BLEND LOST CIRC., YIELD (2.98) @ (11.5) PPG. WITH (18.227) GPS H2O. MIXED AND PUMPED (148.1) BBLs. (645 SKS.) 50:50 POZ G TAIL CMT. + ADDITIVES: D020,2.0% EXTENDER+D046,.1% ANTIFOAM+D167,.2% FLUID LOSS,D065,.2% DISPERSANT, YIELD (1.29) @ (14.1) PPG WITH (5.941) GPS H2O. SHUT DOWN AND WASH OUT TRUCK AND LINES DROPPED THE TOP PLUG @ 12:05 HRS. AND DISPLACED TO FLOAT COLLAR WITH (126) BBLs.OF FRESH H2O WITH 2 GAL/1000 LO64. AVERAGE DISPLACEMENT RATE (7.9) BPM., FULL RETURNS THROUGHOUT THE JOB. BUMPED THE PLUG @ (12:24) HRS. (1/4) BBL. EARLY, FINAL PUMP PRESSURE (1405) PSI AT (1.7) BPM. TESTED CASING TO (2531) PSI. HELD FOR 3 MINUTES AND BLEED OFF PRESSURE, FLOATS HELD WITH (3/4) BBL. BACK. C.I.P (2/13/2008) @ (12:27) HRS., CMT TOP @ (2221'), R/D SCHLUMBERGER.

12:30 15:00 2.5 RIG DOWN DTO HANGER TOOL AND RIG UP DTO SEAL ASSEMBLY TOOL AN SEAL ASSEMBLY, SET AND LOCK DOWN ASSEMBLY AND REALEASE THE ASSEMBLY TOOL.

15:00 18:00 3.0 NIPPLE DOWN BOP'S AND CLEAN PITS.

18:00 06:00 12.0 RIG DOWN FOR FIELD MOVE.

NEXT WELL NBU 556-18E, TRUCKS ON LOCATION @ 07:00 HRS. 2/14/2008, RIG MOVE 1/2 MILE.

TRANSFERED 8 JTS. OF 11.60#, N-80, LTC CASING AND 1 MARKER JT, 11.60#, HCP-110, LTC CSG.

FUEL - 1335 GALS. / USED - 770 GALS. / BOILER 24 HRS. (154 HRS. TOTAL), TRANSFERED - 1335 GALS OF FUEL.

CASING POINT - \$465,220.00.

MUD LOGGER - MUDLOGIC UNMANNED UNIT / 4 DAYS.

DAILY MAN HOURS - 12 HRS. / TOTAL MAN HOURS - 12 HRS.

06:00 18.0 RIG RELEASE ON 2/13/2008 @ 18:00 HRS.

CASING POINT COST \$545,984

02-21-2008		Reported By		SEARLE							
Daily Costs: Drilling		\$0		Completion		\$39,015		Daily Total		\$39,015	
Cum Costs: Drilling		\$545,983		Completion		\$136,631		Well Total		\$682,614	
MD	6,240	TVD	6,240	Progress	0	Days	6	MW	0.0	Visc	0.0
Formation :		PBTD : 6192.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: PREP FOR FRACS											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 200'. EST CEMENT TOP @ 480'. RD SCHLUMBERGER.								
03-02-2008		Reported By		MCCURDY							
Daily Costs: Drilling		\$0		Completion		\$1,153		Daily Total		\$1,153	
Cum Costs: Drilling		\$545,983		Completion		\$137,784		Well Total		\$683,767	
MD	6,240	TVD	6,240	Progress	0	Days	7	MW	0.0	Visc	0.0
Formation :		PBTD : 6192.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: WO COMPLETION											
Start	End	Hrs	Activity Description								
11:00	12:00	1.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.								
03-05-2008		Reported By		SEARLE							

Daily Costs: Drilling	\$0	Completion	\$6,464	Daily Total	\$6,464
Cum Costs: Drilling	\$545,983	Completion	\$144,248	Well Total	\$690,231
MD	6,240	TVD	6,240	Progress	0
Days	8	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 5782-6097	PKR Depth : 0.0		

Activity at Report Time: SI FOR BHP

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU CUTTERS WIRELINE. PERFORATE Ba FROM 5782'-84', 5791'-93', 5827'-29', 5838'-40', 5898'-99', 5929'-30', 5967'-68', 6002'-03', 6027'-28' & 6096'-97' @ 3 SPF @ 120 DEG PHASING. RDWL. SWI FOR BHP BUILDUP.

03-08-2008 Reported By SEARLE

Daily Costs: Drilling	\$0	Completion	\$3,200	Daily Total	\$3,200
Cum Costs: Drilling	\$545,983	Completion	\$147,448	Well Total	\$693,431
MD	6,240	TVD	6,240	Progress	0
Days	9	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 5782-6097	PKR Depth : 0.0		

Activity at Report Time: WAIT ON FRAC EQUIPMENT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU PLS. RIH WITH BHP RECORDER TO 6097'. POH. SWI. RD PLS.

MAX BHP 2660 PSIG. MAX BHT 151 DEG.

03-12-2008 Reported By MCCURDY

Daily Costs: Drilling	\$0	Completion	\$172,709	Daily Total	\$172,709
Cum Costs: Drilling	\$545,983	Completion	\$320,157	Well Total	\$866,141
MD	6,240	TVD	6,240	Progress	0
Days	8	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 4894'-6097'	PKR Depth : 0.0		

Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 180 PSIG. RU SCHLUMBERGER. FRAC DOWN CASING W/4163 GAL YF116 PAD, 46170 GAL YF116ST+ W/132500# 20/40 SAND @ 1-4 PPG. MTP 4912 PSIG. MTR 45.2 BPM. ATP 3042 PSIG. ATR 39.2 BPM. ISIP 2145 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5690'. PERFORATED Ca FROM 5560'-62', 5565'-67', 5592'-93', 5603'-05', 5611'-13', 5623'-24', 5636'-37' & 5651'-52' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4156 GAL YF116 PAD, 41952 GAL YF116ST+ W/106800# 20/40 SAND @ 1-4 PPG. MTP 4170 PSIG. MTR 42.3 BPM. ATP 3082 PSIG. ATR 39 BPM. ISIP 2350 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5520'. PERFORATED Ca FROM 5381'-82', 5406'-07', 5411'-13', 5422'-24', 5429'-30', 5438'-39', 5464'-65', 5472'-73' & 5497'-99' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4146 GAL YF116 PAD, 41617 GAL YF116ST+ W/105000# 20/40 SAND @ 1-4 PPG. MTP 4684 PSIG. MTR 40.7 BPM. ATP 3683 PSIG. ATR 39.2 BPM. ISIP 2500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5290'. PERFORATED Ca FROM 5151'-52', 5164'-65', 5174'-75', 5179'-80', 5191'-92', 5198'-200', 5208'-09', 5213'-14', 5218'-19', 5235'-36' & 5247'-48' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4146 GAL YF116 PAD, 41726 GAL YF116ST+ W/105100# 20/40 SAND @ 1-4 PPG. MTP 4124 PSIG. MTR 40.7 BPM. ATP 2786 PSIG. ATR 39 BPM. ISIP 2180 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5000'. PERFORATED Pp FROM 4894'-96', 4902'-04', 4910'-12', 4921'-23', 4936'-37' & 4950'-51' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4145 GAL YF116 PAD, 38153 GAL YF116ST+ W/92200# 20/40 SAND @ 1-4 PPG. MTP 3856 PSIG. MTR 31.5 BPM. ATP 3124 PSIG. ATR 30.6 BPM. ISIP 2700 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 4809'. BLED OFF PRESSURE. RDWL. SDFN.

03-15-2008		Reported By		HISLOP							
Daily Costs: Drilling		\$0		Completion		\$16,879		Daily Total		\$16,879	
Cum Costs: Drilling		\$545,983		Completion		\$337,036		Well Total		\$883,020	
MD	6,240	TVD	6,240	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation : WASATCH		PBTD : 6192.0		Perf : 4894'-6097'		PKR Depth : 0.0					
Activity at Report Time: CLEAN OUT AFTER FRAC											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	MIRUSU. ND TREE. NU BOP. RIH W/BIT & PUMP OFF SUB TO 2900'. SDFN.								

03-18-2008		Reported By		HISLOP							
Daily Costs: Drilling		\$0		Completion		\$70,918		Daily Total		\$70,918	
Cum Costs: Drilling		\$545,983		Completion		\$407,954		Well Total		\$953,938	
MD	6,240	TVD	6,240	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation : WASATCH		PBTD : 6192.0		Perf : 4894'-6097'		PKR Depth : 0.0					
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	SICP 0 PSIG. RIH TO CBP @ 4809'. CLEANED OUT & DRILLED OUT PLUGS @ 4809', 5000', 5290', 5520' & 5690'. RIH. CLEANED OUT TO PBTD @ 6192'. LANDED TUBING @ 5715' KB. ND BOP. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.								
FLOWED 15 HRS. 32/64" CHOKE. FTP 850 PSIG. CP 1450 PSIG. 46 BFPH. RECOVERED 740 BLW. 5160 BLWTR.											
TUBING DETAIL LENGTH											
PUMP OFF BIT SUB .91'											
1 JT 2-3/8" 4.7# J-55 TBG 31.51'											
XN NIPPLE 1.30'											
180 JTS 2-3/8" 4.7# J-55 TBG 5668.65'											
BELOW KB 13.00'											
LANDED @ 5715.37' KB											

03-19-2008		Reported By		HISLOP							
Daily Costs: Drilling		\$0		Completion		\$3,560		Daily Total		\$3,560	
Cum Costs: Drilling		\$545,983		Completion		\$411,514		Well Total		\$957,498	
MD	6,240	TVD	6,240	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation : WASATCH		PBTD : 6192.0		Perf : 4894'-6097'		PKR Depth : 0.0					
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1050 PSIG. CP 1900 PSIG. 24 BFPH. RECOVERED 780 BLW. 4380 BLWTR.								

03-20-2008		Reported By		HISLOP							
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Daily Costs: Drilling	\$0	Completion	\$2,925	Daily Total	\$2,925
Cum Costs: Drilling	\$545,983	Completion	\$414,439	Well Total	\$960,423
MD	6,240	TVD	6,240	Progress	0
Days	12	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 4894'-6097'	PKR Depth : 0.0		

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1800 PSIG. 22 BFPH. RECOVERED 592 BLW. 3788 BLWTR.

03-21-2008 Reported By HISLOP

Daily Costs: Drilling	\$0	Completion	\$2,925	Daily Total	\$2,925
Cum Costs: Drilling	\$545,983	Completion	\$417,364	Well Total	\$963,348
MD	6,240	TVD	6,240	Progress	0
Days	13	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 4894'-6097'	PKR Depth : 0.0		

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 1100 PSIG. CP 1800 PSIG. 22 BFPH. RECOVERED 530 BLW. 3258 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 03/20/08

03-31-2008 Reported By DUANE COOK

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$545,983	Completion	\$417,364	Well Total	\$963,348
MD	6,240	TVD	6,240	Progress	0
Days	14	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 4894'-6097'	PKR Depth : 0.0		

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	TURNED TO GAS SALES. SITP 1900 & SICP 2000 PSIG. TURNED WELL TO KERR-MAGEE METER # 985602 AT 1:30 PM, 3/28/08. FLOWING 1050 MCFD RATE ON 10/64" POS CK. STATIC 355.

03/30/08: FLOWED 786 MCF, 0 BC & 0 BW IN 24 HRS ON 10/64" CHOKE, TP 1850 PSIG, CP 2000 PSIG.

03/31/08: FLOWED 640 MCF, 2 BC & 0 BW IN 24 HRS ON 10/64" CHOKE, TP 1650 PSIG, CP 2000 PSIG.

04-01-2008 Reported By ROGER DART

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$545,983	Completion	\$417,364	Well Total	\$963,348
MD	6,240	TVD	6,240	Progress	0
Days	15	MW	0.0	Visc	0.0
Formation : WASATCH	PBTD : 6192.0	Perf : 4894'-6097'	PKR Depth : 0.0		

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 577 MCF, 2 BC & 0 BW IN 24 HRS ON 10/64" CHOKE, TP 1650 PSIG, CP 2000 PSIG.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791																																																																									
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME																																																																									
2. NAME OF OPERATOR: EOG Resources, Inc.						7. UNIT or CA AGREEMENT NAME Natural Buttes Unit																																																																									
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80229						8. WELL NAME and NUMBER: Natural Buttes Unit 557-18E																																																																									
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 852' FSL & 661' FWL 39.942794 LAT 109.601933 LON AT TOP PRODUCING INTERVAL REPORTED BELOW: Same AT TOTAL DEPTH: Same						9. API NUMBER: 43-047-37513																																																																									
10. FIELD AND POOL, OR WILDCAT Natural Buttes/Wasatch						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 10S 21E S																																																																									
12. COUNTY Uintah						13. STATE UTAH																																																																									
14. DATE SPUDDED: 7/7/2007		15. DATE T.D. REACHED: 2/11/2008		16. DATE COMPLETED: 3/28/2008		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL): 5171' NAT GL																																																																							
18. TOTAL DEPTH: MD 6,240 TVD		19. PLUG BACK T.D.: MD 6,192 TVD		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD PLUG SET: TVD																																																																									
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) RST/CBL/CCL/YDL/GR						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)																																																																									
24. CASING AND LINER RECORD (Report all strings set in well)																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>HOLE SIZE</th><th>SIZE/GRADE</th><th>WEIGHT (#/ft.)</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>STAGE CEMENTER DEPTH</th><th>CEMENT TYPE & NO. OF SACKS</th><th>SLURRY VOLUME (BBL)</th><th>CEMENT TOP **</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>12-1/4</td><td>9-5/8 J-55</td><td>36.0</td><td>0</td><td>2,430</td><td></td><td>670</td><td></td><td></td><td></td></tr><tr><td>7-7/8</td><td>4-1/2 N-80</td><td>11.6</td><td>0</td><td>6,237</td><td></td><td>885</td><td></td><td></td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>										HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED	12-1/4	9-5/8 J-55	36.0	0	2,430		670				7-7/8	4-1/2 N-80	11.6	0	6,237		885																																											
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29. ENCLOSED ATTACHMENTS: <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> DST REPORT <input type="checkbox"/> OTHER: _____								30. WELL STATUS: Producing <div style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</div>																																																																							

APR 29 2008

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 3/28/2008	TEST DATE: 4/2/2008	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 2	GAS – MCF: 522	WATER – BBL: 0	PROD. METHOD:
CHOKE SIZE: 10/64"	TBG. PRESS. 1,500	CSG. PRESS. 2,000	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Wasatch	4,894	6,097		Green River Mahogany Uteland Butte Wasatch Chapita Wells Buck Canyon	1,381 1,937 4,371 4,500 5,092 5,805

35. ADDITIONAL REMARKS (Include plugging procedure)

See attached page for additional information.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE Mary A. Maestas

DATE 4/28/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Natural Buttes Unit 557-18E - ADDITIONAL REMARKS (CONTINUED):

27. PERFORATION RECORD

4894-4951	3/spf
-----------	-------

28. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

5151-5248	45,872 GALS GELLED WATER & 105,100# 20/40 SAND
4894-4951	42,298 GALS GELLED WATER & 92,200# 20/40 SAND

Perforated the Ba from 5782-84', 5791-93', 5827-29', 5838-40', 5898-99', 5929-30', 5967-68', 6002-03', 6027-28' & 6096-97' w/ 3 spf.

Perforated the Ca from 5560-62', 5565-67', 5592-93', 5603-05', 5611-13', 5623-24', 5636-37' & 5651-52' w/ 3 spf.

Perforated the Ca from 5381-82', 5406-07', 5411-13', 5422-24', 5429-30', 5438-39', 5464-65', 5472-73' & 5497-99' w/ 3 spf.

Perforated the Ca from 5151-52', 5164-65', 5174-75', 5179-80', 5191-92', 5198-5200', 5208-09', 5213-14', 5218-19', 5235-36' & 5247-48' w/ 3 spf.

Perforated the Pp from 4894-96', 4902-04', 4910-12', 4921-23', 4936-37' & 4950-51' w/ 3 spf.

FORM 7

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

X Change of Operator (Well Sold)
 Operator Name Change

Designation of Agent/Operator
 Merger

ROUTING

1. DJJ
 2. CDW

The operator of the well(s) listed below has changed, effective:

3/20/2008

FROM: (Old Operator): N9550-EOG Resources 1060 E Hwy 40 Vernal, UT 84078 Phone: 1-(435) 781-9111	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	---

CA No.				Unit:		NATURAL BUTTES		
WELL NAME(S)	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 557-18E	18	100S	210E	4304737513	2900	State	GW	P
NBU 555-18E	18	100S	210E	4304737685	2900	state	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: Completion of well
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 4/30/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2008
- Bond information entered in RBDMS on: 4/30/2008
- Fee/State wells attached to bond in RBDMS on: 4/30/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number RLB0005236
- The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a
- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement 9/17/03 from Westport

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Natural Buttes Unit
3. ADDRESS OF OPERATOR: 1060 East Highway 40 Vernal UT 84078		7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 852' FSL & 661' FWL 39.942794 LAT 109.601933 LON QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 10S 21E S.L.B. & M.		8. WELL NAME and NUMBER: Natural Buttes Unit 557-18E
PHONE NUMBER: (435) 781-9145		9. API NUMBER: 43-047-37513
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Wasatch
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 7/30/2008.

NAME (PLEASE PRINT) Mickenzie Thacker TITLE Operations Clerk
SIGNATURE *Mickenzie Thacker* DATE 2/4/2009

(This space for State use only)

RECEIVED

FEB 09 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
EOG Resources, Inc

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. (include area code)
435-781-9145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Attached

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

8. Well Name and No.
Multiple Wells

9. API Well No.
See Attached

10. Field and Pool or Exploratory Area
Natural Buttes

11. Country or Parish, State
Utah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

By: Michael A. Nixon Date: 12/17/2009

Michael A. Nixon
Agent and Attorney-in-Fact

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only *EP*
1/31/2010

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED

Approved by

Title

Date

DEC 24 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DIV. OF OIL, GAS & MINING

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Lease #	API #	Well Name	Footages	Legal Description
UTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SESW
UTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
UTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SESW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
UTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
UTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
UTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
UTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
UTUO1791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
UTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
UTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
UTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
UTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
UTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
UTUO1393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
UTUO575	4304730380	NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
ML01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
UTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
UTUO575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
UTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
UTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
UTUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
UTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
ML21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
UTUO1193	4304730464	NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
UTUO1198B	4304730463	NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
UTUO37167	4304730477	NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
UTU10186	4304730466	NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
UTUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
UTU4476	4304730578	NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
UTUO141315	4304731150	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
UTUO1791	4304731238	NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
UTUO1791	4304731165	NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SESW
UTUO1393B	4304731177	NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
UTUO149076	4304731153	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
UTUO284	4304731156	NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
UTUO284	4304731267	NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
UTU22650	4304731268	NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
ML22651	4304731282	NBU 217-02	2045' FSL 766' FWL	T10S-R22E-02-NWSW
UTUO2270A	4304731310	NBU 218-17	2600' FNL 1500' FWL	T10S-R21E-17-SESW
UTUO149076	4304731308	NBU 219-24	1300' FNL 500' FWL	T09S-R21E-24-NWNW
UTUO149076	4304732131	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-SWSE
UTUO1791	4304732010	NBU 302-09E	1899' FSL 912' FWL	T10S-R21E-09-NWSW
UTUO575	4304732130	NBU 304-18E	782' FSL 1783' FEL	T09S-R21E-18-SWSE
UTUO149767	4304732135	NBU 305-07E	670' FNL 1950' FWL	T09S-R21E-07-NENW
UTUO581	4304732282	NBU 306-18E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
UTUO1791	4304732014	NBU 307-06E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
UTUO284	4304732202	NBU 308-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
UTUO575	4304732283	NBU 309-20E	930' FNL 667' FEL	T09S-R21E-20-NENE
UTUO149075	4304732203	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
UTUO581	4304732378	NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UTUO141315	4304732271	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
UTUO575	4304732381	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UTUO144868B	4304732362	NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UTUO2270A	4304737511	NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
UTUO1188	4304732379	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UTUO575B	4304732376	NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UTUO1393B	4304733697	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UTUO1393B	4304739303	NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1)
UTU4485	4304732386	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UTUO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

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Lease #	API #	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENE
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
UTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
UTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
UTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
UTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
UTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
UTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
UTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
UTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
UTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
UTUO149076	4304733056	NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
UTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
UTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
UTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
UTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
UTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
UTU4485	4304733071	NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
UTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
UTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
UTUO581	4304734216	NBU 421-29E	1985' FNL 972' FEL	T09S-R21E-29-SENE
UTUO581	4304733698	NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
UTUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
ML3142	4304733699	NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
UTUO2270A	4304740049	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (Lot 4)
UTUO1791	4304733069	NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
UTUO2270A	4304738536	NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENE
UTUO2270A	4304738376	NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
UTUO2270A	4304734195	NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
UTUO2270A	4304735499	NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
ML22792	4304737534	NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
ML22792	4304737535	NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
UTUO10953	4304736279	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
ML22651	4304736053	NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
UTUO141315	4304733063	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
UTUO581	4304733065	NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
UTUO575	4304733784	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
UTUO2270A	4304739897	NBU 486-07E	1895' FSL 1834' FWL	T10S-R21E-07-NESW
UTUO575B	4304733121	NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
UTUO2270A	4304733123	NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
UTUO577A	4304733140	NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
UTUO1791	4304733124	NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
UTUO1197A ST	4304739283	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENE
UTUO2270A	4304733696	NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
UTUO141315	4304733779	NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
UTUO575B	4304733780	NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
UTUO1188	4304733781	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
UTUO2270A	4304733685	NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UTUO2270A	4304733701	NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
UTUO2270A	4304739722	NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
UTUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UTUO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
ML22791	4304735252	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UTUO2270A	4304735253	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

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UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278	4304737512	NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791	4304738529	NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278	4304738374	NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	4304738510	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B	4304739305	NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B	4304739655	NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B	4304739337	NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B	4304739336	NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B	4304739414	NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST	4304739192	NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	4304739193	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST	4304739190	NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST	4304739191	NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST	4304750016	NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST	4304750019	NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST	4304750014	NBU 640-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512A ST	4304750058	NBU 641-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO8512 ST	4304750013	NBU 642-13E	1949' FNL 858' FEL	T10S-R22E-13-SENE
UTUO2270A	4304739957	NBU 653-07E	660' FNL 1980' FWL	T10S-R21E-07-NENW
UTUO2270A	4304739956	NBU 654-07E	1913' FNL 522' FWL	T10S-R21E-07-SWNW
UTUO2270A	4304739860	NBU 655-07E	1926' FSL 750' FWL	T10S-R21E-07-NWSW
UTUO1791	4304739856	NBU 658-01E	2177' FNL 1784' FEL	T10S-R20E-01-SWNE
UTUO2270A	4304739858	NBU 660-12E	661' FNL 691' FEL	T10S-R20E-12-NENE
ML22790	4304750011	NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-24-NWSW
ML22790	4304750017	NBU 662-24E	809' FSL 807' FWL	T10S-R20E-24-SWSW
ML22790	4304750010	NBU 663-24E	810' FSL 1979' FWL	T10S-R20E-24-SESW
ML22790	4304739867	NBU 664-24E	1810' FNL 1781' FEL	T10S-R20E-24-NWSE
ML22790	4304750018	NBU 665-24E	1950' FSL 660' FEL	T10S-R20E-24-NESE
ML22790	4304750057	NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-SWSE
ML22790	4304750012	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SESE
UTUO2270A	4304739901	NBU 668-12E	859' FNL 1915' FEL	T10S-R20E-12-NWNE
UO1207 ST	4304740084	NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
UO1207 ST	4304750027	NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
ML3140.5	4304738330	NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
UTU4476	4304738632	NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
ML22792	4304738332	NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
ML3142	4304738331	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
UTUO1791	4304738633	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

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DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 557-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0852 FSL 0661 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047375130000
PHONE NUMBER: 720 929-6454		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/15/2016	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the NBU 557-18E well. Please see the attached procedure for details. Thank you.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: December 15, 2016

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 11/15/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047375130000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

12/15/2016

Wellbore Diagram

r263

API Well No: 43-047-37513-00-00

Permit No:

Well Name/No: NBU 557-18E

Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Location: Sec: 18 T: 10S R: 21E Spot: SWSW

Coordinates: X: 619440 Y: 4422345

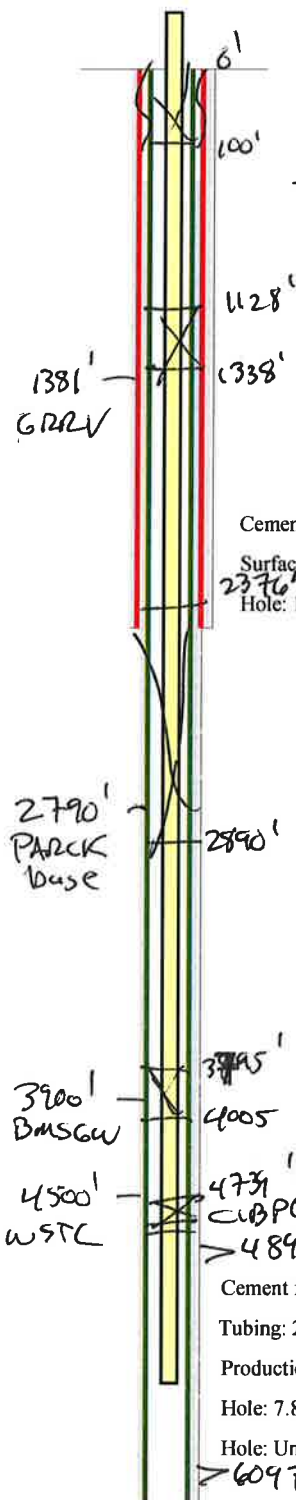
Field Name: NATURAL BUTTES

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (ft/cf)
HOL1	2430	12.25			
SURF	2430	9.625	36	2430	
HOL2	6237	7.875			
PROD	6237	4.5	11.6	6237	11.459
T1	5715	2.375			

$$9 \frac{5}{8}'' \times 4 \frac{1}{2}'' \rightarrow 3.090$$



Plug #5

$$85x = 105'$$

$$\text{OUT } (295x)(1.15)(3.090) = 103'$$

TO CE SURFACE

Plug #4

$$165x = 210'$$

TO CE 1128'

Cement from 2430 ft. to surface
 Surface: 9.625 in. @ 2430 ft.
 Hole: 12.25 in. @ 2430 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6237	480	HS	240
PROD	6237	480	50	645
SURF	2430	0	HS	220
SURF	2430	0	G	450

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4894	6097			

Plug #3

$$(395x)(1.15)(11.459) = 514'$$

TO CE 2376'

Plug #2

$$(165x)(1.15)(11.459) = 210'$$

TO CE 3895'

Plug #1

$$(85x)(1.15)(11.459) = 105'$$

TO CE 4739'

Cement from 6237 ft. to 480 ft.

Tubing: 2.375 in. @ 5715 ft.

Production: 4.5 in. @ 6237 ft.

Hole: 7.875 in. @ 6237 ft.

Hole: Unknown

TD: 6240 TVD: 6240 PBTD: 6192

NBU 557-18E
852' FSL & 661' FWL
SWSW SEC. 18, T10S, R21E
UINTAH UT

KBE:	5184'	API NUMBER:	4304737513
GLE:	5171'	LEASE NUMBER:	ML-22791
TD:	6240'	LAT/LONG:	39.942815/-109.601929
PBTD:	6192'		

CASING : 12.25" hole
SURFACE 9.625" 36# J-55 @ 2430'

PRODUCTION 7.875" hole
4.5" 11.6# N-80 @ 6237'
Est. TOC @ 490' CBL

PERFORATIONS: WASATCH TOP-BOTTOM 4894'-6097'

TUBING: 2.375" 4.7# J-55 TBG @ 5715'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# N-80 csg	4	3.875	6350	7780	0.65282	0.08727	0.01554
9.625" 36# J-55 csg	8.921	8.765	2020	3520	3.24699	0.43406	0.07731

Annular Capacities	Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" tbg. X 4.5" csg	0.42272	0.05651	0.01006
4.5" csg. X 9.625" csg	2.42077	0.32361	0.05764
4.5" csg X 7.875 borehole	1.70406	0.2278	0.04057

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Top Green River	1233'
Top Mahogany	1949'
Base Parachute	2790'
Top Wasatch	4503'

<http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=55737>

BMSW Elevation ~1284' MSL
BMSW Depth ~3900'

NBU 557-18E PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PERTINENT WELL HISTORY:

PROCEDURE

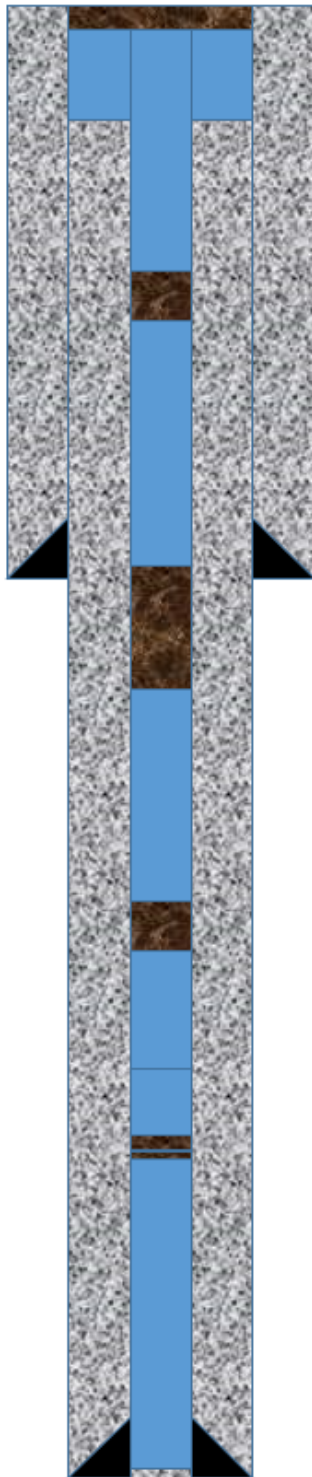
Note: Approx. **116 SXS** Class "G" cement needed for procedure & **(1) 4.5" CIBP**

Note: NO GYRO ON RECORD. (IF GYRO NEEDED, A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE).

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
3. ISOLATE PERFORATIONS (6097'-4894'): RIH ON WIRELINE OR TUBING W/ 4.5" CIBP. SET @ ~4844', (50' above top perf at 4894'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 4844' to 4739'(8 SXS, 9.16 FT3, 1.64 BBLs).
4. PROTECT BMSW (3900'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 4005' to 3795' (16 SXS, 18.32 FT3, 3.27 BBLs).
5. PROTECT PARACHUTE BASE (2790') & SURFACE SHOE: PUH WITH TUBING AND PUMP A MINIMUM OF (512FT) CMT F/ 2890' to 2380' (39 SXS, 44.66 FT3, 7.95 BBLs).
6. PROTECT GREEN RIVER (1233'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 1338' to 1128' (16 SXS, 18.32 FT3, 3.27 BBLs).
7. PROTECT SURFACE: PUH WITH TUBING AND PUMP A MINIMUM OF (105 FT) CMT F/ 105'-0' (8 SXS, 9.16 FT3, 1.64 BBLs). POOH AND RUN 1 INCH TUBING DOWN THE PRODUCTION/SURFACE CASING ANNULUS TO AS DEEP AS POSSIBLE AND CEMENT TO SURFACE (29 SXS, 33.21 FT3, 5.92 BBLs).
8. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
9. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

NBU 557-18E

Total SXS: 116, Total CIBP: 1



<- Plug for Surface from 0' to 105' with 37SXS,105ft.

<- TOC at 490'

<- Plug for GreenRiver at 1233' from 1338' to 1128' with 16SXS,210ft.

<- Mahogany at 1949'

<- Surface Shoe at 2430'

<- Plug for Parachute Base & Surface Shoe from 2890' to 2378' with 39 SXS,512ft.

<- Parachute Base at 2790'

<- Plug for BMSW at 3900' from 4005' to 3795' with 16SXS,210ft.

<- Wasatch at 4503'

<- Plug above CIBP at 4844' from 4844' to 4739' with 8SXS,105ft.

<-CIBP Above Perfs at 4844'

<-Top Perf at 4894'

<-PBTD at 6192'

<- Production Casing Shoe at 6237'

<-TD at 6240'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22791
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 557-18E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0852 FSL 0661 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 10.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047375130000
PHONE NUMBER: 720 929-6454		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/4/2017	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the NBU 557-18E well on 1/4/2017. Please see the operations summary report for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 10, 2017		
NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 1/6/2017	

US ROCKIES REGION
Operation Summary Report

Well: NBU 557-18E				Spud date:				
Project: UTAH-UINTAH			Site: NBU 557-18E				Rig name no.: MILES-GRAY 1/1	
Event: ABANDONMENT			Start date: 1/3/2017				End date: 1/4/2017	
Active datum: RKB @0.00usft (above Mean Sea Level)			UWI: NBU 557-18E					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/3/2017	7:00 - 7:30	0.50	ABANDP	48	B	P		HSM, MOVEING RIG & EQUIP.
	7:30 - 10:30	3.00	ABANDP	30	A	P		WELL PSI 40#, CONTROL TBG W/ 15 BBLS T-MAC, CSG W/ 20 BBLS T-MAC.
	10:30 - 11:00	0.50	ABANDP	30	F	P		ND WH UNLAND TBG IT IS STUCK, REMOVED HANGER NU BOPS, RU FLOOR.
	11:00 - 11:30	0.50	ABANDP	31		P		WORK TBG TO 50,000# GOT FREE.
	11:30 - 15:00	3.50	ABANDP	45	A	P		RU & SCAN OUT W/ 181 JTS 23/8 J-55, 113 YELLOW, 68 RED, ALL RED JTS HEAVEY PITTING & WALL LOSS, LIGHT EXT SCALE JTS 21 - 87, MEDIUM EXT SCALE JTS 87 - 155, HEAVEY EXT SCALE JTS 155 - 181, HOLES IN JTS 166, 178, 179.RD SCAN TECH, SWI DRAIN UP SDFN.
1/4/2017	7:00 - 7:30	0.50	ABANDP	48	B	P		HSM, PICKING UP TBG OFF FLOAT.
	7:30 - 15:00	7.50	ABANDP	31	I	P		SICP 300, BLEW WELL DWN, CONTROL CSG W/ 15 BBLS, PU 41/2 CIBP & 153 JTS 23/8 J-55 SET PLUG @ 4844', L/D 153 EOT @ 4833'.CIRC WELL W/ 70 BBLS T-MAC, TEST CSG TO 500 PSI OK, PUMPED 2.6 BBLS FRESH, 2 BBLS 10 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 17.1 BBLS T-MAC, L/D 26 JTS EOT @ 4012', PUMPED 2.6 BBLS FRESH, 3.48 BBLS 17 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 13.5 BBLS T-MAC. L/D 35 JTS EOT @ 2904' PUMPED 2.6 BBLS FRESH, 8.2 BBLS 40 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 8 BBLS T-MAC. L/D 49 JTS EOT @ 1348', PUMPED 2.6 BBLS FRESH, 3.68 BBLS 18 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 3.2 BBLS T-MAC. L/D REM 42 JTS & STINGER. RD FLOOR, ND BOPS, RIG DOWN RIG. DIG & CUT OFF WELL HEAD, TOP OFF 41/2 W/ 12 SXS CMT & 95/8 W/ SXS CMT WELD ON PLATE P&A COMPLETE, MOVED OFF LOCATION.